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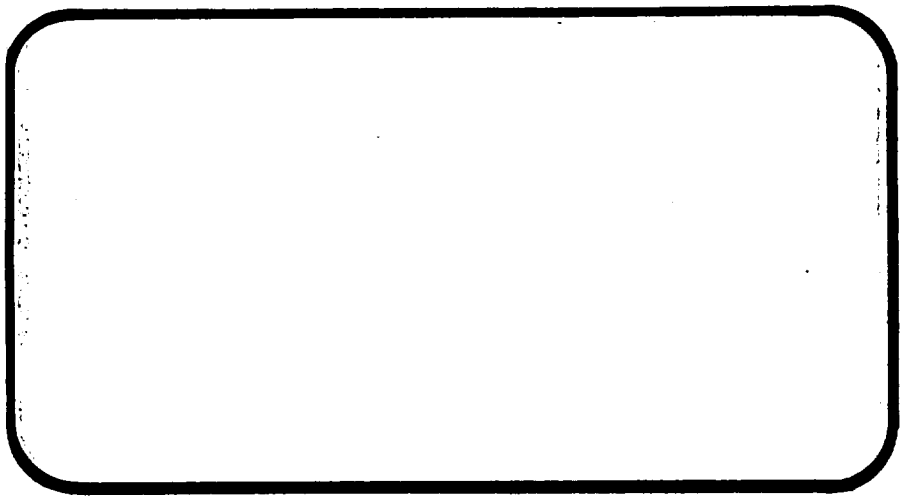

(NASA-CR-160850) RESULTS OF TESTS USING A 0.03 SCALE MODEL (47-OTS) OF THE SPACE SHUTTLE INTEGRATED VEHICLE IN THE AEDC 16 FOOT TRANSONIC PROPULSION WIND TUNNEL (IA105A), VOLUME 1 (Chrysler Corp.) 844 p 00/16 02076

N82-70736

Unclas

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data Management SERVICES

HUNTSVILLE ELECTRONICS DIVISION CHRYSLER CORPORATION

October 1981

DMS-DR-2398
NASA-CR 160,850

VOLUME 1 OF 3

RESULTS OF TESTS USING A 0.03 SCALE MODEL (47-OTS) OF THE SPACE SHUTTLE INTEGRATED VEHICLE IN THE AEDC 16 FOOT TRANSONIC PROPULSION WIND TUNNEL (IA105A)

by

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Prepared under NASA Contract Number NAS9-16283

by

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Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	P41T-P1, TF470
NASA Series Number:	IA105A
Model Number:	47-OTS
Test Dates:	Sept. 8 thru 27, 1977 and Nov. 12 thru 20, 1977
Occupancy Hours:	281

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ABSTRACT

An experimental investigation (test IA105A) was conducted in the Arnold Engineering Development Center 16-foot Transonic Propulsion Wind Tunnel from September 8, 1977 through September 27, 1977 (first entry) and from November 12, 1977 through November 20, 1977 (second entry).

The objective of these tests was to obtain aerodynamic loads on all vehicle elements (orbiter, external tank and solid rocket boosters) by pressure integration and to measure loads directly by load indicators on the wing and vertical tail and elevon hinge moments.

Data were obtained in the Mach number range from 0.6 to 1.55 with Reynolds numbers per foot of 2.5×10^6 to 4.0×10^6. The test was conducted using angle of attack sweeps at fixed sideslip angles during the first entry and sideslip sweeps at constant angle of attack during the second entry.

Angles of attack and sideslip were both within a range consistent with the trajectory dispersions with the maximum angle being dependent upon the requirements at a particular Mach number.

Configuration variations consisted of a series of differential inboard/outboard elevon angle settings at zero aileron angle, with and without the Shuttle Infrared Leeside Temperature Sensor (SILTS) pod on the orbiter vertical tail.

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C	C_p VS X/CBF
D	C_p VS XW/CW
E	C_p VS XS/LS
F	C_p VS XT/LT
G	C_p VS XV/CV

INTRODUCTION

Test IA105A was conducted in the Arnold Engineering Development Center 16 foot Transonic Propulsion Wind Tunnel. The test was conducted in two segments during the test periods from September 8 through September 27, 1977 (first entry) and from November 12 through November 20, 1977 (second entry). Total tunnel occupancy hours for the two test periods were 281 hours. The test article was a 3% replica (Model 47-OTS) of the Space Shuttle Launch Vehicle, Configuration 6, as shown in figure 2.

Pressure and force data were obtained at Mach numbers from 0.6 to 1.55 for angles of attack and sideslip within a $\pm 8^{o}$ matrix. A six-component balance was used to determine orbiter force and moment data in the presence of the external tank and solid rocket boosters. Forces and moments on the wing, vertical tail and elevons were measured using appropriate strain gage balances. The model was instrumented with 1586 pressure taps distributed over the orbiter, external tank and the left solid rocket booster to measure pressure distributions over the launch vehicle elements, localized loads on various protuberances on the external tank (ET) and solid rocket booster (SRB) (see figures 4 through 9 and Tables VI through X).

A secondary objective of this test was to determine the effect of the Shuttle Infrared Leeside Temperature Sensor (SILTS) on the pressure distributions on the vertical tail. The pod was mounted at the tip of the vertical tail and was not instrumented.

This test was conducted in conjunction with the following other tests:

IA105B (DMS-DR-2413) and IA184 (DMS-DR-2456) conducted at the NASA/Ames Research Center 9 x 7 foot supersonic wind tunnel to extend the Mach range up to 2.50 using the same 3% model (47-OTS).

IA156A (DMS-DR-2403) and IA156B (DMS-DR-2408) conducted using a 2% model (89-OTS) in the AEDC 16T and the NASA/Ames 9 x 7, respectively, to determine individual component loads and attach structure loads.

IA182 (DMS-DR-2439) and IA183 (DMS-DR-2444) conducted in the AEDC 16T using the 3% and 2% models, respectively, to investigate flow and angularity corrections to apply to the IA105A and IA156A data.

This report provides documentation of test IA105A consisting of remarks on the conduct of the test, descriptions of the model and test procedure, information on data reduction and plotted and tabulated test conditions and results.

NOMENCLATURE

SYMBOL	MNEMONIC	DEFINITION
	AADS	Ascent Air Data System.
A_i		Area over which P_i acts, ft^2.
	AEDC	Arnold Engineering Development Center
AFA	AFA	flow angularity in the tunnel pitch plane, positive up, degrees
α, α_X	ALPHA(X)	component angle-of-attack, where X → 0 = orbiter, T = external tank, S = SRB
	ALFC	model angle-of-attack corrected for sting imbalance deflections
ALFAOU	ALFAOU	orbiter angle-of-attack (uncorrected for flow angularity), degrees
ALFASU	ALFASU	SRB angle-of-attack (uncorrected for flow angularity), degrees
ALFETU	ALFETU	external tank angle-of-attack (uncorrected for flow angularity), degrees
ALPHAI	ALPHAI	tunnel instrumentation indicated pitch attitude, degrees
β, β_X	BETA(X)	component angle-of-sideslip where X → 0 = orbiter, T = external tank, S = SRB.
BETETU	BETETU	external tank sideslip angle (uncorrected for flow angularity), degrees
BETAOU	BETAOU	orbiter sideslip angle (uncorrected for flow angularity), degrees

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
BETASU	BETASU	SRB sideslip (uncorrected for flow angularity), degrees
BFA	BFA	flow angularity in the tunnel cross flow plane, positive from right to left looking upstream, degrees
B_{vt}		vertical tail bending moment, in-lbs.
B_w		wing bending moment, in-lbs.
C_A	CA	axial force coefficient
C_{A_b}	CAB	orbiter base axial force coefficient
$C_{AB_{V_t}}$	CABVT	vertical tail base axial force coefficient
C_{A_f}	CAF	orbiter forebody axial force coefficient
C_{A_u}	CAU	orbiter axial force coefficient, uncorrected
C_{A_v}	CAV	vertical tail axial force coefficient
C_{B_v}	CBV	vertical tail bending moment coefficient
C_{BW}	CBW	wing bending moment coefficient
$C_{h_{ei}}$	CHEI	inner elevon hinge moment coefficient, about hinge line X = 1387.0
$C_{h_{eo}}$	CHEO	outer elevon hinge moment coefficient, about hinge line X = 1387.0
$\mathbb{C}_L$	CL	centerline
C_ℓ	CBL	orbiter rolling moment coefficient, body axis system
C_m	CLM	pitching moment coefficient

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
C_{m_B}	CLMB	orbiter base pitching moment coefficient
C_{m_f}	CLMF	orbiter forebody pitching moment coefficient
C_{m_u}	CLMU	orbiter pitching moment coefficient, uncorrected
C_{m_v}	CMV	vertical tail pitching moment coefficient
C_N	CN	normal force coefficient
C_n	CYN	orbiter yawing moment coefficient
C_{N_B}	CNB	orbiter base normal force coefficient
C_{N_f}	CNF	orbiter forebody normal force coefficient
C_{N_u}	CNU	orbiter normal force coefficient, uncorrected
C_{n_v}	CTV	vertical tail yawing moment coefficient, using vertical tail reference
C_{N_W}	CNW	wing normal force (shear) coefficient
	CNSTNG	normal force coefficient of the sting (used for sting deflection calculations only)
C_{P_i}	CP(i)	surface tap pressure coefficient, port i
C_{T_W}	CTW	wing torsional coefficient
C_{T_v}	CTV	vertical tail torsional coefficient
C_{S_v}	SCF	vertical tail shear force coefficient
C_Y	CY	orbiter side force coefficient
C_{Z_v}	CZV	vertical tail normal force coefficient
DEINR	DEINR	inboard elevon deflection (no load), degrees

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
DEONR	DEONR	outboard elevon deflection (no load), degrees
Δ		Incremental
ET	ET	External Tank
H_{e_i}	HEI	inboard elevon hinge moment, in-lbs.
H_{e_o}	HEO	outboard elevon hinge moment, in-lbs.
HL	HL	Hingeline
δe_i	IB-ELV	inboard elevon deflection angle, degrees
	I.D.	inside diameter
LH_2	LH2	liquid hydrogen
LO_2	LO2	liquid oxygen
M	MACH	Mach number
MRC	MRC	moment reference center
δe_o	OB-ELV	outboard elevon deflection angle, degrees
N_{vt}	NVT	vertical tail normal (shear) force, lbs.
N_w	NW	wing normal (shear) force, lbs
OMS	OMS	orbital maneuvering system
OTS	OTS	integrated vehicle (orbiter, external tank, SRB)
OV	OV	orbiter vehicle
	O.D.	outside diameter
PHII	PHII	tunnel instrumentation indicated roll attitude, degrees

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
ϕ	PHI	angular cylindrical coordinate position around body, degrees
P_i		pressure at surface tap i, psf
P_o	P	freestream static pressure, psf
P_t	PT	freestream total pressure, psf
q	Q(PSF)	freestream dynamic pressure, psf
	RN/L	unit Reynolds number, million per ft.
SRB	SRB	Solid Rocket Booster
	SSME	Space Shuttle Main Engine
	SILTS	Shuttle Infrared Leeside Temperature Sensor
	SOFI	Spray on foam insulation
T_t, T_o	TTF	freestream total temperature, ^oF
T_{vt}	TVT	vertical tail torsion moment, in-lbs
T_w	TW	wing torsion moment, in-lbs
X_T	XT	body station on the external tank
X_{CP_V}	XCPV	vertical tail center-of-pressure, longitudinal location, in.
X_{CP_W}	XCPW	wing center-of-pressure, longitudinal location, in.
X_o/LB	X/LB	longitudinal location on orbiter body surface, fraction of body length
X/C_{BF}	X/CBF	chordwise location on body flap, fraction of local chord

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
X_T/L_T	XT/LT	longitudinal location on external tank body surface, fraction of body length
X_V/C_V	XV/CV	chordwise location on vertical tail, fraction of local chord
X_S/L_S	XS/LS	longitudinal location on solid rocket booster surface, fraction of body length
X_W/C_W	XW/CW	chordwise location on wing surface, fraction of local chord
Y_o	YO	orbiter base lateral centerline
η_w	Y/BW	spanwise location on wing, fraction of semi-span
η_{BF}	Y/BBF	spanwise location on body flap, fraction of body flap span
Y_{CPV}	YCPV	vertical tail center-of-pressure, lateral location, in.
Y_{CPW}	YCPW	wing center-of-pressure, lateral location, in.
Z_o	ZO	orbiter water line
η_V	ZV/BV	spanwise location on vertical tail, fraction of vertical tail span
Z_{CPV}	ZCPV	vertical tail spanwise location of the center-of-pressure, in.
Z		distance from tunnel floor to sting centerline, in.

SUBSCRIPTS

B,b	base
f	forebody
l,L	left, local
O	orbiter

SUBSCRIPTS

R,r	right
S	SRB
T	External Tank
t	total
u	uncorrected
V,V_t	Vertical Tail
w	wing
∞	freestream

REMARKS

Test IA105 was conducted in a manner which varied considerably from the original plan as described in the pretest report (Reference 1). The test was conducted in two separate tunnel entries with an orbiter balance and model support system change for the second entry. The pretest report was not updated to account for these changes.

Many anomalies occurred in the data during the test. In general, data not considered reliable were deleted from the final data. Three exceptions to this are as follows.

a) The pressure and force data, prior to part number 147, was subject to the flexibility of the orbiter balance and the subsequent misorientation of the orbiter relative to the external tank. Orbiter balance data were deleted for these runs due to balance fouling but the pressure data are presented. The basic runs were repeated during the second entry.

b) At various times throughout the test, relatively large zero shifts occurred in the data from the wing, elevon and vertical tail balances. These data are calculated using the initial zeros only.

c) Two problems existed with the operation of the pneumatic multiplexers (Scanivalves®). The most significant of these

consisted of bad calibrate and/or second zero readings. Where the calibrate level varied considerably from the average of the other transducers the average was used. (The second zero was not used in any calculations.) This correction, in most cases may be considered adequate, however several possibilities exist that would make all or part of the data from the valve showing the bad calibration invalid:

1) If both the calibrate (Port 1) and the second zero reading (Port 24) are in error, a phasing problem is indicated. In extreme cases this will result in leakage between adjacent valve ports.
2) In less extreme cases phasing problems may result in large lag times.
3) If the initial zero reading is in error due to leakage to adjacent ports all pressures measured on that valve will be affected as it is used in the calculations. There is no way of determining if this reading was in error.

The second problem concerned non-syncronous stepping of the scanivalve drives. On occasion the valves would not all home together. When this was observed the data was repeated but there is no way of checking if it occurred at other times. This problem is, however, very rare.

REMARKS (Concluded)

Pressure data known to have been bad are delineated in Table V.

CONFIGURATIONS INVESTIGATED

The model was a 0.03-scale replica of the Rockwell International Space Shuttle Vehicle in launch configuration. The launch configuration consists of the assembly of a payload carrying orbiter, an expendable external oxygen/hydrogen tank (ET) (which provides fuel for the orbiter main engines), and two recoverable solid rocket boosters (SRB's). The general layout of the model is shown in Figure 2a.

The orbiter is of blended wing body design with a double delta planform ($81^{o}/45^{o}$ leading edge) 12% thick wing with full span elevons incorporating a six-inch interpanel gap between the independently deflectable inboard and outboard panels. A single swept (45^{o} leading edge) vertical tail with rudder and/or speed brake capability is mounted between two orbital maneuvering system (OMS) pods. A single body flap is fitted on the lower trailing edge of the fuselage.

The orbiter fuselage is in accord with Rockwell International control drawing VL70-000140A, with the vertical tail as defined by drawing VL70-000146A. The OMS pods are of the later VL70-000140C configuration, these being a combination of the VL70-08401 and VL70-08410 drawings. Fitted to this is a new orbiter vehicle 102 wing as defined in the MD-V70 data book(s). For the purposes of this test and report, this combination shall be referred to as a "102 orbiter". The orbiter is shown in Figure 2b.

The ET is of cylindrical cross section with a nominal diameter of 333.0 inches full-scale and a maximum diameter of 336.2 inches full-scale. The forward portion of the ET has a tangent ogive nose which terminates in a biconic nose cap over the LOX vent valve. The biconic nose has a pitot and four static pressure taps as a sensing part of the ascent air data system (AADS). Only two of the four static taps were simulated. The forward third of the tank is filled with LOX, and the aft two thirds is a vessel for liquid hydrogen. The aft end of the tank is basically an ellipsoid of revolution. Between the two vessels is a structure of stiffeners which is slightly larger than the nominal tank diameter. Covering the entire tank is a spray-on foam insulation (SOFI) of varying thickness as dictated by the relative heat load, i.e., approximately 2.5 inches thick on the tangent ogive, 1.0 inch thick on the cylindrical portion of the tank and 2.0 inch thick on the rear ellipsoid. The diameters given above include this SOFI. External to the ET surface are a number of protuberances which fall into three major categories: electrical trays, fluid lines, and attach hardware. Electrical trays which run parallel to the centerline of the tank are simulated, those which run up next to the aft orbiter/ET attach hardware are not. Fluid lines modeled are the LOX and LH_2 feed and vent plumbing. The attach hardware that is considered as part of the tank is the front and rear ET/orbiter attach structure, which is discarded with the ET at the end of the main engine burn.

The external tank is built to the geometry described above and more specifically to Rockwell International Interface Control Drawing ICD 2-00001, Rev. C, plus Interface Revision Notices B and C. The external tank is shown in Figure 2c.

The two solid rocket boosters (SRB's) are 146-inch nominal diameter cylinders, each with an 18-degree semi-angle nose with a 13.27-inch spherical tip. An 18-degree flared skirt, 208.20-inch diameter, protects the gimbaled rocket nozzle. A flexible, donut-shaped seal and thermal shield is provided between skirt and nozzle. Major protrusions from the basic envelope include a forward attach lug, separation thrusters front and rear, aft attach ring, various stiffeners and a full length electrical systems tunnel.

In common with the external tank, the SRB is built in accord with the Rockwell International Interface Control Document ICD 2-00001C, with the supplement of Interface Revision Notices B and C. An SRB is shown in Figure 2d.

The entire model was therefore basically in accord with the Configuration 6 Launch Vehicle, comprised of the 102 orbiter and T_{39} tank and S_{27} booster.

The orbiter provided for this test series is constructed utilizing existing orbiter fuselage, vertical tail, OMS pods, new wing, and body flap

components. An internal beam/bridge/balance block has been constructed to allow mounting the orbiter from the attach hardware of the ET and to measure six component airloads on the orbiter. Safety factors of three (3) on yield and five (5) on ultimate have been observed. The complete orbiter weighs approximately 140 pounds. The model has been principally fabricated of 17-4 stainless steel and aluminum alloy with some contouring with Renite. The orbiter is fabricated around a balance block of 17-4, bored and sleeved to accept the Task 2.5-inch MK XXII balance. This block is located in the rear half of the fuselage and the 7076 aluminum pieces which form the outer mold line of the fuselage are bolted to it. These pieces consist of a fuselage cover, two fuselage fairings and two wing fairings at the rear of the body, two side covers, and a forward nose and top cover. The two OMS pods are fabricated of 7076-T6 aluminum alloy. The OMS nozzles are simulated in aluminum as are the RCS thrusters. The fuselage and OMS pods are heavily pressure instrumented.

The wing is a two piece aluminum article screwed to a central steel wing beam. This beam of cross shaped planform supports one wing on a tang on each side of the central plate. The right hand tang is instrumented with strain gauges to form the three component wing load indicator balance. While the center of this beam forms the outer mold line of the bottom of the orbiter, the tangs are out of the airstream. The wings are made integral with the glove and a labyrinth seal is provided on the

metric side to improve the data quality. The wings are extensively hollowed to reduce the model weight. The left hand wing is instrumented with pressure taps. Each of the wings is fitted with deflectable inboard and outboard elevons which are supported in torsion only by a beam mounted on the hinge line, and in all other degrees of freedom by plain bearing hinges, also on the scale hinge line. Identical R.H. and L.H. elevon supports insure similar aeroelastic deflections. The opposite end of the elevon support beam is fitted with a ball bearing to minimize hysteresis effects. The right hand wing panels are supported on beams which are strain gauged. Available nominal deflections and actual unloaded measured deflections are listed in Table III. Simulated flipper doors are fitted to the upper wing surface.

An aluminum body flap with hinge moment capability and 40 pressure taps is provided. The hinge moment capability was not used, nor was the body flap deflection changed during this test entry.

Two vertical tails are provided for this test, the first being of 17-4PH Armco with a single plain hinged rudder/speed brake on each side. This is a pressure instrumented surface with 76 pressures (including one of the base group, #301). The hardline tubulations terminate at the front of the base of the tail, from whence the tubes are of flexible plastic to the Scanivalves. The tail itself is hard mounted to the balance block. The second vertical is of aluminum and mounts through this same

cavity, but is supported on a six component balance to measure vertical tail airloads directly. No rudder or speed brake deflections were used for this test.

Simulated SSME nozzles are provided in the base of the orbiter, since no sting interferes. The nozzles are set at the nominal angles of 16 degrees up, no yaw upper, and 10 degrees up, ±3 1/2 degrees yaw outboard for the lower two. The material used is aluminum alloy. The nozzles are mounted to a base plate which closes off the balance cavity at the back of the orbiter.

The entire orbiter is mounted on the 6 component balance, with the taper fitting into a block in the cavity at the rear of the fuselage. This block is screwed to a beam running under the balance block and also to a stiffener rod that runs forward above the right corner of the balance block to a "flying wedge" piece attached to the right front of the longitudinal beam. The ET attach hardware mounts to the bottom beam through holes in the bottom of the orbiter.

The external tank is principally fabricated of aluminum alloy to reduce weight and fabrication costs. The approximate weight of the external tank with instrumentation is 190 pounds. Safety factors of three (3) on yield and five (5) on ultimate have been observed in the design and construction of the tank.

The 333-inch full-scale diameter tank is built up out of five principal shell-like pieces that conform to the outer mold line of the tank including the spray on foam insulation. These pieces are a biconic forward tip which includes the entire tangent ogive (and is actually made up of two non-separable pieces because of a late lines change), a cylindrical mid-body, a short cylindrical aft body, and an aft cap. Slipped around the back of the aft body to fair into the cap is a ring designated a recontouring block, and an .030-inch shim is placed beneath the cap. These last two items are also the result of a late lines change. There are two holes aft and one hole forward on each side which are spotfaced inside and out to accept the SRB ring mounting studs and screws.

Slipped into the front of the nose of the tank is a biconic vent valve housing with an integral 10-degree half-angle conical yaw probe at the front. This yaw probe (The Ascent Air Data System or AADS) is instrumented to scale with two .010-inch OD hypodermic tubing taps at the scale location, .075-inch aft of the tip of the spike (taps 1901 and 1902).

The orbiter/ET attach hardware is scaled to as great a degree as possible and is load bearing. The orbiter/ET front attach was originally fabricated from a single piece of 17-4 stainless steel with two end plates, but prior to testing was modified to prevent orbiter rolling moment from being transmitted to the structure by use of a pin joint at the orbiter.

The lower end plate fits into a milled recess in the ET mid-body; the upper one fitting into an analogous recess in the orbiter, and fastened to the orbiter balance beam.

The aft load is carried through the vertical runs of the LO_2 and LH_2 feed lines, which are bushed, hollow bolts securing the ET to the orbiter balance block. The simulated aft ET/SRB attach hardware does not carry load.

Detailed external tank protuberances are provided. The pressure and feed lines are as previously used on model 47-T on the 331-inch tank, the ellipsoid fairings and cable trays are new construction.

Scanivalve and balance cables and pressures are routed into the tank from the orbiter through the hollow rear attach bolts. These and the cables from the tank Scanivalves are led out to the SRB's just behind the SRB front attach. The entire tank and its protrusions are pressure instrumented.

The two aluminum SRB's are reworked from a previous usage with the principal alterations being to the protuberances, the number of pressure taps (added to reflect the requests of the customer), and the mode of attaching the SRB to the ET. The SRB to ET attachments were modified to bear the expected loads and to carry the electrical leads through from the tank.

The SRB's are fabricated of 2024-T4 aluminum alloy to reduce weight. The weight of the right hand SRB is approximately 40 pounds and the weight of the thinner, left hand SRB with the Scanivalves is approximately 21 pounds. Safety factors of three (3) for yield and five (5) for ultimate have been observed in this design.

Both SRB's are built around a 2.00-inch I.D. x 3.38-inch O.D. aluminum sleeve. This sleeve is pinned to the eccentric adapter and to the body of the SRB with pull pins on each side. The SRB itself consists of four main parts, a nose cone, a forebody, an aft attach ring and an aft body and nozzle assembly.

The SRB's are built up around the forebody with all instrumentation installed and are then slipped into the mounting holes in the tank. The aft body, spacer skirt, nozzle and thermal protecting shield of 2024 aluminum alloy are assembled as a unit on the forebody, sandwiching the aft attach ring between them. This ring is carved of a single piece of stock with integral mounting studs that simulate the aft attach struts.

A 7/16 AHCS passes through the simulated SRB/ET front attach to secure the front of the SRB to the ET. The nose cone slips over the forebody of the SRB after the booster is secured to the external tank.

Nozzle actuator struts are simulated on each of the SRB aft skirts. The SRB aft separation thrusters and skirt stiffeners are also attached to

the skirt. The cable tunnel is simulated on both SRB's. The SRB stiffener rings are split to fit over the skirt and snap into a locating groove.

The left hand SRB is instrumented with pressure taps and a multiple Scanivalve unit. To provide access to the valves, a cover is fit to the LH forebody. All reference pressures, and instrumentation leads from the SRB are run internal to the LH fork of the sting.

The following nomenclature, illustrated in Figures 2b through 2d, was used to designate the model components:

Symbol	Description
B_{62}	-140 A/B Body
C_9	-140 A/B Canopy
E_{64}	OV 102 Elevon
W_{131}	OV 102 Wing
M_{16}	Short OMS pods, -140 C w/nozzles
N_{28}	OMS Nozzles
N_{112}	SSME nozzles, OV102 complete
R_5	146 A Rudder
V_8	146 A Vertical Tail
FD_3	Flipper Doors
F_9	Body Flap

CONFIGURATIONS INVESTIGATED (Concluded)

Symbol	Description
A configuration code has not been assigned for the SILTS pod.	
T_{39}	External Tank complete 330-inch O.D. with protuberances
S_{27}	Solid Rocket Booster complete 146-inch O.D. with protuberances

TEST FACILITY DESCRIPTION

The AEDC PWT 16-Ft. Transonic Tunnel (Propulsion Wind Tunnel, Transonic 16T) is a continuous-flow closed-circuit tunnel capable of operation within a Mach number range of 0.20 to 1.60. The tunnel can be operated within a stagnation pressure range of 120 to 4000 psfa depending upon the Mach number. The stagnation temperature can be varied from an average minimum of about 80 to a maximum of 160°F as a function of cooling water temperature. Using a special cooling system of mineral spirits, liquid nitrogen, and liquid air, the stagnation temperature range can be varied from +30 to -30°F. Supersonic velocities are obtained by use of flexible-wall, Laval type nozzles.

The test section is 16-ft. square (in cross section) and 40-ft. long. The entire test section and supporting structure is constructed as a separate unit, called the test section cart, and is removable from the tunnel circuit. The test section carts may be moved to the model installation building where the test article and associated equipment are installed.

Two 40-ft. long test section carts are available for testing throughout the design temperature range. These carts are each 20-ft. long and are used in pairs to form the 40-ft. long test section. Each cart may be used in either the forward or aft position in the test section.

The test section is completely enclosed in a plenum chamber which can be evacuated, allowing part of the tunnel main flow to be removed through the test section perforated walls, thereby unchoking the test section at near sonic speeds and alleviating wall interference effects.

The 16T standard sting support system was used to support and position the 0.03-scale model in the test section during the first test entry. The model was supported by a dual sting arrangement consisting of two, 2.0-in. diam. stings exiting from the bases of the left and right hand solid rocket boosters (SRB). These stings were then attached by adapters to 4.16-in. diam. parallel stings which were mounted into the sting support system. This support arrangement allowed the base of the orbiter to be essentially free from any support system interference.

The sting support system utilizes computer control to position the model at angles of attack and sideslip by means of combinations of pitch and roll angles. This model support system is advantageous in that the model can be maintained at, or close to, the tunnel centerline where flow angularity is a minimum. It has the disadvantage, however, of relatively slow pitch and roll rates (0.17 deg/sec and 1.25 deg/sec, respectively) that proved to be too slow to meet the data acquisition requirements in the time available. A sketch showing the location of the 0.03-scale model in the test section is presented in Fig. 10a and a photograph showing this installation is presented in Fig. 11a.

The Hi-Pitch model support system was utilized for the subsequent test reentry. This support system has the capability of pitch rates up to 8 deg/sec and roll rates exceeding 20 deg/sec. For these test entries, a pitch rate of approximately 1 deg/sec and a roll rate of 20 deg/sec was selected. Sketches and photographs showing the 0.03-scale model supported on the Hi-Pitch system are shown in Figs. 10b and 11b.

The Hi-Pitch support system was mounted into a dummy roll mechanism of the standard sting support system and utilized the vertical traverse feature of the latter system to maintain the model as close to tunnel centerline as possible within the physical constants of ±36 in. vertical traverse of the standard sting support system. The resulting position for the orbiter was approximately on centerline at angles of attack of 0^{o} or greater and 2 feet below tunnel centerline at a sting pitch angle of -10 deg. Model angles of attack and sideslip were established by computer control utilizing the hydraulic motors of the Hi-Pitch system to position the sting at appropriate pitch and roll angles.

TEST PROCEDURE AND INSTRUMENTATION

The model was instrumented so that pressure and force data could be obtained simultaneously, except on the vertical tail where both pressure instrumented and force (strain gauge) instrumented vertical tails were used.

The model was heavily instrumented to measure surface pressures. A total of 1586 pressures were measured by thirty-eight 48-port pneumatic commutators (Scanivalves®) located in the model components as shown in Fig. 3. The location of the 1586 pressures are shown in Figs. 4 through 9 and are categorized as follows:

Major Model Component	Model Component	No. of Orifices
Orbiter	Fuselage	206
	Flap	40
	Base	24
	Vertical Stabilizer	75
	Wing	283
	Total	628
External Tank	Body	424
	Base	74
	Protuberances	232
	AADS	2
	Total	732
Solid Rocket Boosters	Body	175
	Base	10
	Protuberances	41
	Total	226

Not all pressures were measured during every run. The Scanivalves® were tubed to allow for abbreviated scans in the interest of reducing test

time. The second entry tubing scheme differed from the first entry to allow for even shorter scan where only base pressures were measured. In general forebody pressures were not measured after the first complete Mach number sweep as those pressures were not affected by elevon deflection changes.

In addition to the model pressures, forces and moments were measured by strain gauge balances as follows:

Balance Location	Type	Model Forces & Moments Measured or Calculated
Orbiter	6-component	Orbiter normal force, side force, axial force, pitching-moment, rolling moment, yawing moment
Wing	3-component	Wing normal force, bending moment and torsional moment
Vertical Stabilizer	6-component	Vertical stabilizer normal force, side force, axial force, pitching moment, bending moment, and torsional moment
Inboard Elevon	1-component	Inboard elevon hinge moment
Outboard Elevon	1-component	Outboard elevon hinge moment
Dual Stings	4-component (each)	Launch vehicle normal force, side force, and pitching moment (used to calculate sting deflections)

The orbiter was mounted on the Task MK XXII 1.5-inch diameter balance during the first entry. This balance proved to be too flexible resulting in excessive deflections of the orbiter relative to the ET and SRB's

and fouling between the metric and non-metric parts. On September 14 this balance was purposely "caged" to reduce the deflections. Quantitative determination of the effectiveness of the caging was performed and deflections were satisfactory. None of the data obtained from this balance is considered reliable. The model was modified for the second entry and mounted on the Task MK XXII 2.5-inch diameter balance. This larger, stiffer balance reduced the deflections approximately 50% and eliminated the fouling problems.

An AEDC supplied angular position indicator (dangleometer) was mounted in the external tank, and was used only as a check at 0^{o} roll angles during the test. Due to the erratic nature of the data, particularly at roll angles other than 0^{o}, it was eliminated from the data printout.

The pressure transducers were calibrated prior to the test and were again calibrated after the model was installed in the tunnel using the "reference" and "calibrate" ports on the Scanivalves in accordance with normal AEDC/PWT procedures.

After installation all pressures were either leak checked using a hand-held vacuum pump or continuity checked with compressed air when the orifice was located in a position where it could not be leak checked. This checking continued throughout the test whenever there was any evidence of a problem and after model changes to check all pressures which had been disconnected during the change.

The 2 1/2-inch MK XXII balance, the wing balance, the vertical tail balance and the elevon beams were calibrated in the AEDC calibration laboratory prior to the test. The elevon hinge moment gauges were calibrated in the tunnel after the model was installed, and were check calibrated after each change in elevon angle. All balances were check-loaded after the model was installed in the tunnel.

After installation in the model, the dangleometer was calibrated over the angle-of-attack range required for the test.

The general test procedure was as follows: After starting the tunnel, the desired test conditions for a particular Mach number (the lowest required for the subject configuration) were established as given in Table I. Data were obtained during a pause at each required angle-of-attack and sideslip. After data were obtained for the required angle matrix, the test conditions were changed to the next higher Mach number and the process was repeated. After all data on a particular configuration had been obtained, the tunnel was shut down for a model change to the next scheduled elevon setting. Periodically, the AADS probe was rotated in 90-degree increments so that data were obtained on the AADS pressure taps in four different positions. The change from the "pressure" to the "force" vertical tail was made during the non-running shift to provide sufficient time to check out the balance. The SILTS pod was also removed during a non-running shift to minimize model change time during the running shift.

DATA REDUCTION

Standard AEDC methods for computing tunnel parameters, balance forces and moments, and model attitudes were used. Pressure coefficients were calculated for all model pressures. Force and moment coefficients (body axis system only) were computed for each balance using the axis system defined in Figure 1a. Orbiter force and moment data were adjusted to account for the difference between measured base pressure and freestream pressure. Elevon hinge moments, and wing and vertical tail forces and moments were calculated in coefficient form about reference locations specified for each component.

The moment reference locations, in full-scale dimensions, are as follows:

Total vehicle (Used for orbiter data):	X_T 976, Y_T0, Z_T 400
Right wing:	X_o 1307, Y_o 105
Right elevons:	Hingeline at X_o 1387
Vertical tail:	X_o 1414.3, Z_o 503

The attitude of the external tank/SRB's was calculated from the sector reading and the output of the strain gauges on the forked sting. Balance deflections were accounted for in determining the attitude of the orbiter. The deflection of the elevons and the vertical tail due to applied loads were also calculated. The deflection of the wing under load was found to be insignificant and therefore was not accounted for in data reduction.

Pressure coefficients were computed as follows:

$$C_{p_i} = (P_i - P_o)/q$$

where "i" represents the model orifice number.

Standard six component body axis force coefficients were computed for the balance mounted orbiter. The reference area used was the orbiter wing area, and the reference length for moment coefficients was the orbiter reference length. Moments were computed at the integrated vehicle reference center which is at the orbiter nose on the tank centerline. This is located at $X_T = 976$, $Y_T = 0$, $Z_T = 400$ in tank coordinates, and $X_o = 235$, $Y_o = 0$, $Z_o = 63.5$ in orbiter coordinates. The balance transfer dimensions are depicted in Figures 1b through 1d.

The normal force, axial force, and pitching moment coefficients for the orbiter were adjusted for base pressure as follows:

$$C_{N_B} = \frac{-1}{S_w} \tan 14.75^o \sum_{301}^{324} C_{p_i} A_i + \frac{-1}{S_w} \sum_{401}^{440} C_{p_i} A_i$$

$$C_{A_B} = \frac{-1}{S_w} \sum_{301}^{324} C_{p_i} A_i$$

$$C_{m_B} = \frac{-1}{S_w \ell_b}\left[-X_1 \tan 14.75^o \sum_{301}^{324} C_{p_i} A_i - X_2 \sum_{401}^{440} C_{p_i} A_i + Z_1 \sum_{301}^{324} C_{p_i} A_i\right]$$

where X_1, X_2 and Z_1 are the distances to the centroid of the area from the moment reference center.

The resulting coefficients are applied as follows to obtain the forebody coefficients:

$$C_{A_f} = C_{A_u} - C_{A_B}$$

$$C_{N_f} = C_{N_u} - C_{N_B}$$

$$C_{m_f} = C_{m_u} - C_{m_B}$$

The model component loads were reduced to force and moment coefficients in the following manner:

For wing bending and torsion:

$$C_{N_w} = N_w / \left[(q)(S_w)\right]$$

$$C_{B_w} = B_w / \left[(q)(S_w)(b_w)\right]$$

$$C_{T_w} = T_w / \left[(q)(S_w)(\bar{c})\right]$$

For vertical tail bending and torsion:

$$C_{S_v} = N_{vt} / \left[(q)(S_{vt})\right]$$

$$C_{B_v} = B_{vt} / \left[(q)(S_{vt})(C_{vt})\right]$$

$$C_{n_v} = T_{vt} / \left[(q)(S_{vt})(C_{vt})\right]$$

(Data from the vertical tail pitching moment gauge were not reduced.)

For elevon hinge moments:

$$C_{h_{e_i}} = H_{e_i} / \left[(q)(S_e)(C_e)\right]$$

$$C_{h_{e_o}} = H_{e_o} / \left[(q)(S_e)(C_e)\right]$$

The flow angularity corrections for alpha and beta were revised after completion of this test. Force data presented in this report are the second entry data received by DMS on April 17, 1980 with the final flow angularity corrected alpha and beta. Elevon deflection angles were also corrected for loads. (See References 7 and 8.) The data are tabulated in the Appendix and carry the two letter test code of 8M. This designates the DMS special request under which the corrections were performed and documented. These data may also be found in plotted form in the IA183 test documentation (Reference 9). The angles of attack and sideslip of the pressure data presented in Volumes 2 and 3 of this report have not been corrected for flow angularity and may differ from the force data presented herein.

A schedule of completed runs is given in Table II which is the Data Set/ Run Number Collation Summary for the test.

Reference dimensions and constants used were:

SYMBOL	VALUE MODEL SCALE	VALUE FULL SCALE	DESCRIPTION	
A_{301}	- 0 -		Orbiter base area for pressure tap	301
A_{302}	0.022146 ft.^{2}			302
A_{303}	0.122387			303
A_{304}	0.005970			304
A_{305}	0.004909			305
A_{306}	0.009287			306
A_{307}	0.007960			307
A_{308}	0.010613			308
A_{309}	0.022554			309
A_{310}	0.003980			310
A_{311}	0.023217			311
A_{312}	0.016584			312
A_{313}	0.001327			313
A_{314}	0.011940			314
A_{315}	0.013798			315
A_{316}	0.007297			316
A_{317}	0.012603			317
A_{318}	0.017247			318
A_{319}	0.021758			319

SYMBOL	VALUE MODEL SCALE	VALUE FULL SCALE	DESCRIPTION	
A_{320}	0.015920		Orbiter base area for pressure tap	320
A_{321}	0.017247			321
A_{322}	0.014328			322
A_{323}	0.006103			323
A_{324}	0.026003			324
A_{401}	- 0 -		Body flap base area for pressure tap	401
A_{402}	- 0 -			402
A_{403}	- 0 -			403
A_{404}	- 0 -			404
A_{405}	0.01151 ft.^{2}			405
A_{406}	0.010267 ft.^{2}			406
A_{407}	0.0089838 ft.^{2}			407
A_{408}	0.0077004 ft.^{2}			408
A_{409}	- 0 -			409
A_{410}	- 0 -			410
A_{411}	- 0 -			411
A_{412}	- 0 -			412
A_{413}	0.012834 ft.^{2}			413
A_{414}	0.012834 ft.^{2}			414
A_{415}	0.012834 ft.^{2}			415

SYMBOL	VALUE MODEL SCALE	VALUE FULL SCALE	DESCRIPTION	
A_{416}	0.012834 ft.^{2}		Body flap base area for pressure tap	416
A_{417}	- 0 -			417
A_{418}	- 0 -			418
A_{419}	- 0 -			419
A_{420}	- 0 -			420
A_{421}	- 0 -			421
A_{422}	- 0 -			422
A_{423}	- 0 -			423
A_{424}	- 0 -			424
A_{425}	- 0 -			425
A_{426}	- 0 -			426
A_{427}	- 0 -			427
A_{428}	- 0 -			428
A_{429}	- 0 -			429
A_{430}	- 0 -			430
A_{431}	- 0 -			431
A_{432}	- 0 -			432
A_{433}	- 0 -			433
A_{434}	- 0 -			434
A_{435}	- 0 -			435
A_{436}	- 0 -			436

DATA REDUCTION (Continued)

SYMBOL	VALUE MODEL SCALE	VALUE FULL SCALE	DESCRIPTION
A_{437}	.011551 ft.^{2}		Body flap base area for pressure tap 437
A_{438}	.010267 ft.^{2}		438
A_{439}	.0089838 ft.^{2}		439
A_{440}	.0077004 ft.^{2}		440
b	38.709 in.	1290.3 in.	Orbiter reference length
b_w	28.101 in.	936.7 in.	Wing bending reference length
$\bar{c}$	14.244 in.	474.8 in.	Mean aerodynamic chord
C_e	2.721 in.	90.7 in.	Elevon reference chord length
C_{vt}	5.994 in.	199.8 in.	Vertical tail reference chord length
S_w	2.421 ft.^{2}	2690. ft.^{2}	Wing reference area
S_{vt}	0.3719 ft.^{2}	413.25 ft.^{2}	Vertical tail reference area
X_1	37.890 in.		Base pressure transfer distance
X_2	39.890 in.		Base pressure transfer distance
X_T	- 25.570 in.	-852.33 in.	Longitudinal transfer distance from orbiter balance reference point to integrated vehicle MRC
X_{TV}	2.341 in.	78.03 in.	Longitudinal transfer distance from vertical tail balance reference center to vertical tail MRC
Z_1	9.795 in.	-326.5 in.	Base pressure transfer distance

SYMBOL	VALUE		DESCRIPTION
	MODEL SCALE	FULL SCALE	
Z_T	-9.795 in.	-326.5 in.	Vertical transfer distance from orbiter balance centerline to integrated vehicle MRC
Z_{TV}	0.632 in.	21.07 in.	Vertical transfer distance from vertical tail balance centerline to vertical tail MRC
S_e	0.189 ft.^{2}	210.0 ft.^{2}	Elevon reference area.

UNCERTAINTY OF MEASUREMENTS

The uncertainty levels quoted below are from the facility (Reference 5). These numbers represent a band containing 95% of the data and are derived from multiple calibrations of the instruments and from the repeatability and uniformity of the test section flow during tunnel calibration.

Balance	M_∞	α/β	ΔCNF	ΔCY	ΔCAF	ΔCLMF	ΔCBL	ΔCYN
Orbiter	0.60	4/-8	0.0078	0.0038	0.0018	0.0052	0.0005	0.0025
	↓	0/-8	0.0075	0.0039	0.0018	0.0051	0.0005	0.0026
	0.90	4/-4	0.0056	0.0028	0.0013	0.0038	0.0002	0.0019
	↓	0/-4	0.0056	0.0028	0.0013	0.0037	0.0002	0.0019
	1.25	4/-4	0.0047	0.0023	0.0011	0.0032	0.0002	0.0016
	↓	0/-4	0.0047	0.0023	0.0013	0.0031	0.0002	0.0016
	1.40	4/-4	0.0045	0.0023	0.0011	0.0030	0.0002	0.0015
	↓	0/-4	0.0045	0.0022	0.0011	0.0030	0.0002	0.0015

Balance	M_∞	α/β	CNW	CBW	CTW
Wing	0.60	4/-8	0.0029	0.0004	0.0017
	↓	0/-8	0.0028	0.0004	0.0017
	0.90	4/-4	0.0021	0.0003	0.0013
	↓	0/-4	0.0021	0.0003	0.0013
	1.25	4/-4	0.0018	0.0002	0.0011
	↓	0/-4	0.0018	0.0002	0.0011
	1.40	4/-4	0.0018	0.0002	0.0011
	↓	0/-4	0.0018	0.0002	0.0011

Balance	M_∞	α/β	CZV	CSV	CAV	CMV	CBV	CTV
Vertical Tail	0.60	4/-8	0.0091	0.0101	0.0109	0.0050	0.0037	0.0047
	↓	0/-8	0.0091	0.0101	0.0109	0.0050	0.0039	0.0047
	0.90	4/-4	0.0068	0.0072	0.0081	0.0037	0.0025	0.0035
	↓	0/-4	0.0068	0.0073	0.0081	0.0037	0.0025	0.0035
	1.25	4/-4	0.0057	0.0061	0.0068	0.0031	0.0021	0.0029
	↓	0/-4	0.0057	0.0061	0.0068	0.0031	0.0021	0.0029
	1.40	4/-4	0.0055	0.0059	0.0066	0.0030	0.0020	0.0028
	↓	0/-4	0.0055	0.0059	0.0066	0.0030	0.0020	0.0028

Balance	M_∞	α/β	CHEI	CHEO
Inboard	0.60	4/-8	0.0040	0.0031
& Out-	↓	0/-8	0.0040	0.0031
board	0.90	4/-4	0.0029	0.0023
Elevons	↓	0/-4	0.0029	0.0023
↓	1.25	4/-4	0.0025	0.0019
	↓	0/-4	0.0025	0.0019
	1.40	4/-4	0.0024	0.0019
	↓	0/-4	0.0024	0.0019

The uncertainties in model angle of attack and sideslip resulting from uncertainties in sting pitch, sting roll, and sting/balance deflections were estimated to be ±0.10 deg. The uncertainty in the determination of flow angularity correction was estimated to be ±0.10 deg. In combined form, the final uncertainties in model angle of attack and sideslip are estimated to be ±0.14 deg.

Pressure coefficient uncertainties are estimated to be as follows for test conditions where the Scanivalve® calculations indicated no malfunctions.

	CP	CP	CP	CP
M_∞	-1.0	-0.5	0.5	1.0
0.60	±0.0220	±0.0199	±0.0178	±0.0182
0.90	±0.0144	±0.0137	±0.0130	±0.0132
1.25	---	±0.0110	±0.0109	±0.0110
1.40	---	±0.0105	±0.0105	±0.0106

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7. ARO, Inc. Letter of April 9, 1980 to D. E. Poucher from J. A. Black, subject, "Recomputed Space Shuttle Data from NASA/Rockwell Tests IA-105A, IA-156A, IA-105AR, IA-182, IA-183 (Project P43T-09)."

8. Rockwell International IL No. SAS/AERO/78-014, "Correction Requirements for IA105/156 Force and Moment Data," (April 25, 1978).

9. NASA-CR 160,488, DMS-DR 2444, "Results of Tests Using a 0.02-Scale Model (89-OTS) of the Space Shuttle Integrated Vehicle in the AEDC 16-foot Transonic Propulsion Wind Tunnel (IA183).

10. Rockwell International IL No. SAS/AERO/78-024," IA105A Second Entry Pressure Data Corrections," (March 24, 1978).

TABLE I

TEST : IA 105 A | DATE :

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. ft)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.6	4.0×10^6	442	—
0.8	↓	550	
0.9		698	
0.95		723	
1.05		763	
1.10		785	
1.15		804	
1.25	3.5×10^6	728	
1.40	3.5×10^6	752	
1.55	3.2×10^6	703	

BALANCE UTILIZED: see table IV

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF			
SF			
AF			
PM			
RM			
YM			

COMMENTS:

TABLE II

AEDC 16T-470

TEST: IA105A (1st Entry) *

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 30 SEPT 1977

DATA SET IDENTIFIER	CONFIGURATION	β	δ_{e_I}	δ_{e_O}	Rn/L	Mach	φ	ANGLE OF ATTACK ~ α ~ DEG.	TEST RUN NUMBERS
R4B*01	ΦTS W/O SILTS	A	10	5		0.60	0	0	
02	PRESSURE TAIL	↓	↓	↓	↓	0.70	↓	19	
03	↓	B				0.80		22	
04						0.85		23	
05						0.90		24	
06						0.92		29	
07						0.94		30	
08						0.95		31	
09						0.96		32	
10						0.97		33	
11						0.98		34	
12						0.99		35	
13						1.01		36	
14						1.02		37	
15						1.03		38	
16						1.04		39	
17						1.05		40	
↓ 18	↓	↓	↓	↓	↓	1.06	↓	41	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES: A) β = -4°, 2°, 0°, 2°, 4°
B) β = -4°, 0°, 4°

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

* FORCE DATA FOR 2nd ENTRY ONLY PRESENTED HEREIN

TABLE II (Continued)

AEDC 16T-470

TEST: IA105A (1st Entry) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 30 SEPT 1977

DATA SET IDENTIFIER	CONFIGURATION	β	δ_{e_I}	δ_{e_O}	Rn/L	Mach	ϕ	ANGLE OF ATTACK ~ α ~ DEG	TEST RUN NUMBERS
R4B*19	ΦTS W/O SILTS	B	10	5	4.0	1.08	0	0	
20	PRESSURE TAIL					1.10		42	
21						1.15		43	
22					3.5	1.20		44	
23						1.25		45	
24					4.1	1.30		46	
25					3.5	1.40		47	
26					3.2	1.55		48	
27		4			4.0	0.95		49	
								50	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES: B) $\beta = -4°, 0°, 4°$

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

AEDC 16T-470

TABLE II (Continued)

TEST: IA105A (1st Entry) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 30 SEPT 1977

DATA SET IDENTIFIER	CONFIGURATION	α	δ_{e_1}	δ_{e_0}	Rn/L	Mach	φ	ANGLE OF SIDESLIP ~ β ~ DEG.								
								-8	-6	-4	-2	0	2	4	6	8
R4B*28	ΦTS W/O SILTS	C	10	5	4.0	0.60	0	58	59	60		61		62	63	64
29	PRESSURE TAIL	D				0.80			65	66		67		68	69	
30						0.90			70	71		72		73	74	
31						0.95			79	78		77		76	75	
32						1.05			80	81				85	86	
33						1.10						92		87	89	
34						1.05			112	113		114		115	116	
35						1.10			117	118		119		120	125	
36						1.15			126	127		128		129	130	
37					3.5	1.25			131	132		133		134	135	
38					3.5	1.40			136	137		138		139	140	
39					3.2	1.55			141	142		143/146		144	145	
40	ΦTS + SILTS				4.0	0.60			151	152		153		154	155	
41	PRESSURE TAIL					0.80			156	157		158		159	160	
42						0.90			161	162		163		164	165	
43						0.95			166	167		168		169	170	
44						1.05			171	172		173		174	175	
45					3.5	1.25			176	177		178		179	180	

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES

C) $\alpha = -8^\circ, -4^\circ, 0, 4^\circ, 8^\circ$ COEFFICIENTS

D) $\alpha = -8^\circ, -4^\circ, 0, 4^\circ$

IDVAR (1) IDVAR (2) NDV

TABLE II (Continued)

AEDC 16T - 470

TEST: IA105 A (1st Entry) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 30 SEPT 1977

DATA SET IDENTIFIER	CONFIGURATION	α	δ_{e_I}	δ_{e_O}	Rn/L	Mach	φ	ANGLE OF SIDESLIP ~ β ~ DEG.								
								-8	-6	-4	-2	0	2	4	6	8
R4B*46	φTS + SILTS	D	10	5	3.2	1.55	0		181	182		183		184	185	
47	PRESSURE TAIL				3.5	1.40			186	187		203		204	205	
48					4.0	1.10			193	194		195		196	197	
49						1.15			202	201		200		199	198	
50	φTS W/O SILTS	C		9		0.60		209		210		211		212		213
51	PRESSURE TAIL	E				0.80			214	215		216		217	218	
52		D				0.90			240	241		242		243	244	
53						0.95			235	236		237		238	239	
54						1.05			219	220		221		222	223	
55						1.10			224	225		226		227	228	
56						1.15			229			230			231	
57					3.5	1.25			232			233			234	
58				2	4.0	1.05			249			250			251	
59						1.10			252			253			254	
60						1.15			255	256		257		258	259	
61					3.5	1.25			260	261		262		263	264	
62					3.5	1.40			268			269			270	
63					3.2	1.55			271			272			273	

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES

C) $\alpha = -8^\circ, -4^\circ, 0^\circ, 4^\circ, 8^\circ$ COEFFICIENTS E) $\alpha = -8^\circ, -4^\circ, 0^\circ, 4^\circ, 6^\circ$

D) $\alpha = -8^\circ, -4^\circ, 0^\circ, 4^\circ$

IDVAR (1) IDVAR (2) NDV

TABLE II (Continued)

AEDC 16T-470

TEST: IA105 A (1st Entry) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 30 SEPT 1977

DATA SET IDENTIFIER	CONFIGURATION	α	δ_{e_I}	δ_{e_O}	Rn/L	Mach	φ	ANGLE OF SIDESLIP ~ β ~ DEG.								
								-8	-6	-4	-2	0	2	4	6	8
R4B*64	φTS w/o SILTS	D	10	11	4.0	0.60	0	276		277		278		279		280
65	PRESSURE TAIL					0.80			281	282		283		284	285	
66						0.90			286	287		288		289	290	
67						0.95			292			291				
68	φTS w/o SILTS					0.95			298	299		300		301	302	
69	METRIC TAIL					1.05			303	304		305		306	307	
70						1.10			308			309			310	
71						1.15			311			312			313	
72		C		7		0.60		316		317		318		319		320
73		D				0.80			321	322		323		324	325	
74						0.90			326	327		328		353	329	
75						0.95			354	355		356		357	358	
76						1.05			359	360		361		362	363	
77						1.10			364	365		366		367	368	
78						1.15			336	337		338		339	340	
79					3.5	1.25			330			331			332	
80					3.5	1.40			333			334			335	

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES — COEFFICIENTS

C) $\alpha = -8^\circ, -4^\circ, 0^\circ, -4^\circ, -8$

D) $\alpha = -8^\circ, -4^\circ, 0^\circ, 4^\circ$

IDVAR (1) IDVAR (2) NDV

AEDC 16T-470

TABLE II (Continued)

TEST: IA105A (1st Entry) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 30 SEPT 1977

DATA SET IDENTIFIER	CONFIGURATION	α	δ_{e_1}	δ_{e_0}	Rn/L	Mach	φ	ANGLE OF SIDESLIP ~ β ~ DEG.								
								-8	-6	-4	-2	0	2	4	6	8
R4B*81	φTS + SILTS	D	10	-2	4.0	1.15	0		372			373			374	
82	METRIC TAIL				3.5	1.25			385	386		387		388	389	
83					3.5	1.40			375	376		377		378	379	
84					3.2	1.55			380	381		382		383	384	
85				-5	3.5	1.25			393			394			395	
86					3.5	1.40			396	397		398		399	400	
87					3.2	1.55			401	402		403		404	405	
88				0	4.0	1.10			411			412			413	
89					4.0	1.15			414			415			416	
90					3.5	1.25			417	418		419		420	421	
91					3.5	1.40			422	423		424		425	426	
92					3.2	1.55			427			428			429	
93				-7	3.5	1.40			433			434			435	
94				-7	3.2	1.55			436	437		438		439	440	
95			12	-2	4.0	1.15			443			444			445	
96					3.5	1.25			451			452		454	453	
97					3.5	1.40			446	447		448		449	450	
98		C		9	4.0	0.60		468		469		470		471		472

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES

C) $\alpha = -8^\circ, -4^\circ, 0^\circ, 4^\circ, 8^\circ$

D) $\alpha = -8^\circ, -4^\circ, 0^\circ, 4^\circ$

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

TABLE II (Continued)

TEST: IA105A (1st Entry)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 30 SEPT 1977

DATA SET IDENTIFIER	CONFIGURATION	α	δ_{e_i}	δ_{e_o}	Rn/L	Mach	φ	ANGLE OF SIDESLIP ~ β ~ DEG.								
								-8	-6	-4	-2	0	2	4	6	8
R4B*99	φTS + SILTS	E	12	9	4.0	0.80	0		473	474		475		476	477	
A1	METRIC TAIL	D				0.90			497	498		499		503	504	
A2						0.95			505	506		507		508	509	
A3						1.05			511	512		513		514	515	
A4						1.10			478	479		480		481	482	
A5						1.15			517			518			519	
A6					3.5	1.25			520			521			522	
A7					3.5	1.40			525			526			527	
A8					3.2	1.55			530			531			532	
A9			8		4.0	0.60		535		536		537		538		539
B1		E				0.80			555	556		557		558	559	
B2		D				0.90			561	562		563		564	565	
B3						0.95			566	567		568		569	570	
B4						1.05			571	572		573		574	575	
B5						1.10			540	541		542		543	544	
B6						1.15			576			577			578	
B7					3.5	1.25			579			580			581	
B8					3.5	1.40			582			583			584	

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES

D) $\alpha = -8^\circ, -4^\circ, 0^\circ, 4^\circ$ COEFFICIENTS

E) $\alpha = -8^\circ, -4^\circ, 0^\circ, 4^\circ, 6^\circ$

IDVAR (1) IDVAR (2) NDV

AEDC 16T-470

TABLE II (Continued)

TEST: IA105A (1st Entry) | DATA SET/RUN NUMBER COLLATION SUMMARY | DATE: 30 SEPT 1977

DATA SET IDENTIFIER	CONFIGURATION	α	δ_{e_1}	δ_{e_0}	Rn/L	Mach	φ	ANGLE OF SIDESLIP ~ β ~ DEG.								
								-8	-6	-4	-2	0	2	4	6	8
R4B*B9	φTS + SILTS	D	8	9	3.2	1.55	0		585			586			587	
C1	METRIC TAIL	F			4.8	1.10						588				
C2					4.0							589				
C3					3.2							592				
C4					2.5							593				
C5					3.2		180					545				
C6					2.5							546				
C7					2.0							547				
C8		D		-2	4.0	1.15	0		597			598			599	
C9					3.5	1.25			600	604		601		603	602	
D1					3.5	1.40			605	606		607		608	609	
D2					3.2	1.55			610	611		612		613	614	

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES: D) α = -8°, -4°, 0°, 4° | F) α = 0°, 4°, 6°

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

AEDC 16T-470

TEST: IA105A (1st Entry) | DATA SET/RUN NUMBER COLLATION SUMMARY | DATE: 30 SEPT 1977

DATA SET IDENTIFIER	CONFIGURATION	β		δ_{e_I}	δ_{e_O}	Rn/L	Mach	φ					ANGLE OF ATTACK ~ α ~ DEG. 0	2	4	6		TEST RUN NUMBERS
R4B*D3	φTS + SILTS	B		12	9	2.5	0.60	0					467					
D4	METRIC TAIL	↓		↓	↓	↓	0.90	↓							510			
D5	↓						1.10								516			
D6		↓					1.25								523			
D7		G					1.25								524			
D8		↓				↓	1.55								528			
D9	↓			↓		3.2	1.55	↓							529			
E1	φTS W/O SILTS			8		4.0	1.10	90					590					
E2	METRIC TAIL	↓		8	↓		1.10	-90					591					
E3	↓	H		10	7	↓	0.80	0								352		

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES: B) β = -4°, 0, 4° H) β = -6°, -4°, 0, 4°, 6°
G) β = -6°, 0, 6°

COEFFICIENTS | IDVAR (1) | IDVAR (2) | NDV

AEDC 16T-470

TABLE II (Continued)

TEST: IA105A (2nd Entry)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 1 Feb 1978

DATA SET IDENTIFIER	CONFIGURATION	β	δ_{e_I}	δ_{e_O}	Rn/L	Mach	ANGLE OF ATTACK ~ α ~ DEG. -8	-6	-4	-2	0	2	4	6	8
R4F*01	ΦTS w/o SILTS	H	8	-7	3.5	1.40	1770		1771		1772		1773		
2				-7	3.2	1.55	1774		1775		1776		1777		
3				-2	3.5	1.15	1968		1969		1970		1971		
4						1.25	1972		1973		1974		1975		
5						1.40	1976		1977		1978		1979		
6					3.2	1.55	1980		1981		1982		1983		
7	ΦTS + SILTS	B		5	3.5	0.60	1880		1881		1882		1883		1884
8		H				0.80	1886		1887		1888		1889	1890	
9		J				0.90	1893	1894	1895	1896	1897	1898	1899		
10		H				0.95	1901		1902		1903		1904		
11		J				1.05	1907	1908	1909	1910	1911	1912	1913		
12		H				1.10	1914		1915		1916		1941		
13		H				1.15	1918		1919		1920		1921		
14		J				1.25	1923	1924	1925	1926	1927	1928	1929		
15		H				1.40	1931		1932		1933		1934		
16		H			3.2	1.55	1936		1937		1938		1939		
17	ΦTS w/o SILTS	B		9	3.5	0.60	1733		1734		1735		1736		1737
18		H		9	3.5	0.80	1738		1739		1740		1741	1742	

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES

B) $\beta = -4^\circ, 0, 4^\circ$

H) $\beta = -6^\circ, -4^\circ, 0^\circ, 4^\circ, 6^\circ$

COEFFICIENTS

J) $\beta = -8^\circ, -4^\circ, 0^\circ, 4^\circ, 8^\circ$

IDVAR (1) IDVAR (2) NDV

TABLE II (Continued)

AEDC 16T-470

TEST: IA105A (2nd Entry) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 1 Feb 1978

DATA SET IDENTIFIER	CONFIGURATION	β	δ_{e_1}	δ_{e_2}	Rn/L	Mach	ANGLE OF ATTACK ~ α ~ DEG.								
							-8	-6	-4	-2	0	2	4	6	8
R4F*37	ϕTS W/O SILTS	H	10	6	3.5	0.90	1541		1542		1543		1544		
38						0.95	1545		1546		1547		1548		
39						1.05	1549		1550		1551		1552		
40						1.10	1553				1561		1562		
41						1.15	1563	1564	1565		1566		1564		
42						1.25	1568		1569		1570		1571		
43						1.40	1573		1575		1577		1578		
44					3.2	1.55	1579		1580		1581		1582		
45	ϕTS + SILTS	B		9	3.5	0.60	1619		1620		1621		1622		1623
46		H				0.80	1614		1615		1616		1617	1618	
47						0.90	1588		1589		1590		1591		
48						0.95	1592		1593		1594		1595		
49						1.05	1596		1597		1598		1599		
50						1.10	1600		1602		1603		1604		
51						1.15	1605		1606		1607		1608		
52						1.25	1609		1610		1611		1612		
53	ϕTS W/O SILTS	B		11		0.60	2049		2050		2051		2052		2053
54		H		11		0.80	2044		2045		2046		2047	2048	

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES: B) β = −4°, 0°, 4°; H) β = −6, −4°, 0°, 4°, 6°

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

AEDC 16T-470

TABLE II (Continued)

TEST: IA105A (2nd Entry)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 1 Feb 1978

DATA SET IDENTIFIER	CONFIGURATION	β	δ_{e_I}	δ_{e_O}	Rn/L	Mach	ANGLE OF ATTACK ~ α ~ DEG.								
							-8	-6	-4	-2	0	2	4	6	8
R4F#19	ϕTS w/o SILTS	H	8	9	3.5	0.90	1743		1744		1745		1746		
20						0.95	1747		1748		1749		1750		
21						1.05	1751		1752		1753		1754		
22						1.10	1755		1756		1757		1758		
23						1.15	1759		1760		1761		1762		
24						1.25	1763		1764		1765		1766		
25		B		11		0.60	1989		1990		1991		1992		1993
26		H				0.80	1994		1995		1996		1997	1998	
27						0.90	1999		2000		2001		2002		
28						0.95	2003		2004		2005		2006		
29						1.05	2007		2008		2009		2010		
30						1.10	2011		2012		2013		2014		
31	ϕTS + SILTS		10	-2		1.15	1631		1632		1633		1634		
32						1.25	1635		1636		1637		1638		
33						1.40	1639		1640		1641		164		
34					3.2	1.55	1646		1647		1648		1649		
35	ϕTS w/o SILTS	B		5	3.5	0.60	1528		1529		1530		1531		1532
36		H		5	3.5	0.80	1536		1537		1538		1539	1540	

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES

B) $\beta = -4°, 0°, 4°$

H) $\beta = -6°, -4°, 0°, 4°, 6°$

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

AEDC 16T-470

TABLE II (Continued)

TEST: IA105A (2nd Entry)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 1 Feb 1978

DATA SET IDENTIFIER	CONFIGURATION	β	S_{e_I}	S_{e_O}	Rn/L	Mach	ANGLE OF ATTACK ~ α ~ DEG.								
							-8	-6	-4	-2	0	2	4	6	8
R4F#55	ϕTS w/o SILTS	H	10	11	3.5	0.90	2039		2041		2042		2043		
56		↓	↓	↓	↓	0.95	2027		2028		2029		2030		
57						1.05	2031		2032		2033		2034		
58			↓	↓		1.10	2035		2036		2037		2038		
59			12	-7	↓	1.40	1674		1675		1676		1677		
60			↓	-7	3.2	1.55	1678		1679		1680		1681		
61				-2	3.5	1.15	1655		1655		1657		1658		
62				↓	↓	1.25	1659		1660		1661		1662		
63					↓	1.40	1663		1664		1665		1666		
64		↓		↓	3.2	1.55	1667		1668		1669		1670		
65		B		5	3.5	0.60	1818		1819		1820		1821		1822
66		H		↓	↓	0.80	1823		1824		1825		1826	1845	
67		J				0.90	1827	1828	1829	1830	1831	1832	1833		
68		H				0.95	1834		1835		1836		1837		
69		J				1.05	1838	1839	1840	1841	1842	1843	1844		
70		H				1.10	1846		1847		1848		1849		
71		H				1.15	1850		1851		1852		1853		
↓ 72	↓	J	↓	↓	↓	1.25	1854	1855	1856	1857	1858	1859	1860		

TEST RUN NUMBERS

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES

B) $\beta = -4°, 0°, 4°$

H) $\beta = -6°, -4°, 0°, 4°, 6°$

COEFFICIENTS

J) $\beta = -8°, -4°, 0°, 4°, 8°$

IDVAR (1) IDVAR (2) NDV

TABLE II (Continued)

AEDC 16T-470

TEST: IA105A (2nd Entry) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 1 Feb 1978

DATA SET IDENTIFIER	CONFIGURATION	β		δ_{e_I}	δ_{e_O}	Rn/L	Mach			ANGLE OF ATTACK ~ α ~ DEG.									TEST RUN NUMBERS
										-8	-6	-4	-2	0	2	4	6	8	
R4F*73	ΦTS W/O SILTS	H		12	5°	3.5	1.40			1861		1862		1863		1864			
74		H			5	3.2	1.55			1865		1866		1867		1868			
75		B			9	3.5	0.60			1694		1695		1696		1697		1728	
76		H					0.80			1698		1699		1700		1701	1702		
77							0.90			1703		1704		1705		1711			
78							0.95			1707		1708		1710		1709			
79							1.05			1712		1713		1714		1715			
80							1.10			1716		1717		1718		1719			
81							1.15			1720		1721		1722		1723			
82							1.25			1724		1725		1726		1727			
83		B			11		0.60			1788		1789		1790		1791		1792	
84		H					0.80			1793		1794		1795		1796	1797		
85							0.90			1798		1799		1800		1801			
86							0.95			1802		1803		1804		1805			
87							1.05			1806		1807		1808		1809			
88							1.10			1810		1811		1812		1813			

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES — COEFFICIENTS — IDVAR (1) IDVAR (2) NDV

B) $\beta = -4°, 0°, 4°$

H) $\beta = -6°, -4°, 0°, 4°, 6°$

TABLE II (Continued)

TEST: IA105A (2nd Entry)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 1 Feb 1978

DATA SET IDENTIFIER	CONFIGURATION	ϕ	Z	δ_{e_I}	δ_{e_O}	Rn/L	Mach	ANGLE OF ATTACK ~ α ~ DEG. 8	6	4	2	0	2	4	6	8	TEST RUN NUMBERS
R4F*89	OTS w/o SILTS	L	1	8	-2	3.5	0.95		1957			1958			1959		
90			2				0.95		1960			1961					
91			1				1.10		1948			1949			1950		
92			2				1.10		1951			1952			1953		
93			3				1.10		1954			1955			1956		
94			1	↓	↓		1.40		1945			1946			1947		
95			1	10	11		0.80		2018			2019			2020		
96			3				0.80		2021			2022			2023		
97		↓	3	↓	↓		0.95		2024			2025			2026		
98		K	1	12	5		1.40		1869								
99			2				1.40		1874			1876			1875		
00	↓	↓	3	↓	↓	↓	1.40		1873			1872			1871		

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES

COEFFICIENTS

K) $\phi = 0°, \pm 30°, \pm 60°, \pm 90°, \pm 100°$

L) $\phi = 0°, \pm 90°$

IDVAR (1) IDVAR (2) NDV

Z) 1=62.5" 2=74.0" 3=87.4"

AEDC 16T-470

TABLE II (Continued)

TEST: IA105A (2nd Entry)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 1 Feb 1978

DATA SET IDENTIFIER	CONFIGURATION	β	δ_{e_I}	δ_{e_O}	Rn/L	Mach	ANGLE OF ATTACK ~ α ~ DEG. 8	6	4	2	0	2	4	6	8	TEST RUN NUMBERS
R4F*R1	ϕTS + SILTS	0	8	5	3.5	0.60							1885			
R2						0.80							1891			
R3						0.90							1900			
R4						0.95							1905			
R5						1.10							1917			
R6						1.15							1922			
R7						1.25							1930			
R8						1.40							1935			
R9					3.2	1.55							1940			

1 7 13 19 25 31 37 43 49 55 61 67 75 76

α OR β SCHEDULES

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

TABLE II (Continued)

Sweep Schedules:

A) β = -4,2,0,2,4
B) β = -4,0,4
C) α = -8,-4,0,4,8
D) α = -8,-4,0,4
E) α = -8,-4,0,4,6
F) α = 0,4,6
G) β = -6,0,6
H) β = -6,-4,0,4,6
J) β = -8,-4,0,4,8
K) ϕ = 0,±30,±60,±90,±100
L) ϕ = 0,±90

Pressure Data 4th Character ID	Description
B	Orbiter Fuselage
E	Orbiter Base
F	Body Flap - lower surface
G	Body Flap - upper surface
J	Miscellaneous
L	Wing - lower surface
M	ET - protuberances
N	SRB - protuberances
O (numeric)	Orbiter force data (see below)
S	SRB surface
T	ET surface
U	Wing - upper surface
V	Vertical Tail

Force Data 1st Character ID	1st Ind. Var.	2nd Ind. Var.	Coefficients
R	ALPHAO	BETAO	CN CNF CA CAF CLM CLMF CY CYN CBL BETAS
S	ALPHAO	BETAO	CNW CTW CBW CHEI CHEO IB-ELV OB-ELV ALPHAI PHII MACH
T	ALPHAO	BETAO	CAVU CAV CSV CZV CMV CTV CBV ALPHAT BETAT ALPHAS
U	ALPHAO	BETAO	MACH P PT Q(PSF) TT RN/L AFA BFA ALFC
V	ALPHAO	BETAO	ALFAOU BETAOU ALFETU BETETU ALFASU BETASU DEINR DEONR
W	ALPHAO	BETAO	CNB CAB CLMB CABVT XCPV ZCPV CNSTNG

TABLE II (Concluded)

R dataset pages 1-113
S dataset pages 114-225
T dataset pages 227-339
U dataset pages 340-452
V dataset pages 453-555
W dataset pages 556-678

First Entry (Volume II) Pressure Data

Pressure Data 4th Character ID	Description	Print Normal Page No.	Microfiche Page No.
B	Orbiter Fuselage	1-2486	1-40
E	Orbiter Base	10,091-10,733	162-175
F	Body Flap - lower surface	10,734-11,291	175-181
G	Body Flap - upper surface	11,292-11,849	181-189
J	Miscellaneous	11,850-12,311	190-197
L	Wing - lower surface	2487-6309	40-101
M	ET - protuberances	12,312-15,997	197-255
N	SRB - protuberances	15,998-16,834	255-269
S	SRB surface	16,835-18,443	269-294
T	ET surface	18,444-21,623	294-345
U	Wing - upper surface	6310-9761	101-156
V	Vertical Tail	9762-10,090	156-161

Second Entry (Volume III) Pressure Data

Pressure Data 4th Character ID	Description	Print Normal Page No.	Microfiche Page No.
B	Orbiter Fuselage	1-203	1-4
E	Orbiter Base	1937-2646	31-43
F	Body Flap - lower surface	2647-3243	43-52
G	Body Flap - upper surface	3244-3840	52-62
J	Miscellaneous	3841-3953	62-63
L	Wing - lower surface	204-877	4-14
N	SRB - protuberances	3954-4150	63-66
S	SRB surface	4151-5187	66-83
T	ET surface	5188-6475	83-103
U	Wing - upper surface	878-1936	15-31

TABLE III. ELEVON DEFLECTION ANGLES

INBOARD ELEVON ANGLES, DEGREES		
NOMINAL	LEFT HAND MEASURED	RIGHT HAND MEASURED
12	12.45	12.683
10	10.58	10.250
8	8.32	8.533
4	4.45	4.58
0	0	0

OUTBOARD ELEVON ANGLES, DEGREES		
NOMINAL	LEFT HAND MEASURED	RIGHT HAND MEASURED
+2	2.23	2.42
0	0	0
-2	-1.78	-1.833
-5	-4.98	-4.98
-7	-6.88	-6.90

TABLE IV. BALANCES UTILIZED

ORBITER BALANCE - 1ST ENTRY

Task 1.5" MK XXII

COMP	RATED LOAD
N_1	2000 lbs
N_2	2000 lbs
A	600 lbs
Y_1	1000 lbs
Y_2	1000 lbs
ℓ	1600 in-lbs

ORBITER BALANCE - 2ND ENTRY

Task 2.5" MK XXII

COMP	RATED LOAD
N_1	2500 lbs
N_2	2500 lbs
A	800 lbs
Y_1	1000 lbs
Y_2	1000 lbs
ℓ	4000 in-lbs

VERTICAL TAIL BALANCE

Lockheed 1" 10033

COMP	RATED LOAD
Normal	700 lbs
Side	500 lbs
Axial	125 lbs
Roll	1200 in-lbs

TABLE IV. BALANCES UTILIZED (Concluded)

WING LOAD INDICATOR

COMP	RATED LOAD
Normal	378 lbs
Bending	1850 in-lbs
Torsion	938 in-lbs

ELEVON HINGE MOMENTS

COMP	RATED LOAD
Inboard	110 in-lbs
Outboard	110 in-lbs

GAGED STINGS

2" AEDC Stings - 4 Components each

Used for sting deflection determination only - rated loads unknown.

TABLE V

BAD PRESSURE DATA LIST
FIRST ENTRY

COMPONENT	DATA SET IDENTIFIER	β	α	TAP NUMBER
ORBITER FUSELAGE	R4BB28	-8	4	97→104
		-6	-8	97→104
		-8	-4,-8,0	98
		-8	8	97
		-6	-4	98
		-6	0,4,8	97,98
		-4	ALL	97,98
		0	ALL	96,97,98
	R4BB29	4	-8	103,104,106→111
		4	4	108→111
	R4BB30	-6	-4	97→104
		-4	4	98→102
		-4,4,6	-8	97→104
	R4BB32	-4	4	97→104
		0	ALL	46,56,95,96,97,99→102
	R4BB36	6	-8	141
	R4BB57	6	ALL	112
	R4BB58	-6	-8,0	33→40
		0	-8	33→40
		6	-4	33→40
	R5BB59	6	4	33→40
	R4BB60	0	4	33→40
		4	0	33→40
	R4BB98 → R4BBE2	ALL	ALL	192
	R4BBD3	ALL	ALL	184
ORBITER BASE	R4BE28 → R4BE53	ALL	ALL	311,312
	R4BE68 → R4BEE3	ALL	ALL	301,302,308
BODY FLAP - LOWER SURFACE	R4BF28 → R4BFE3	ALL	ALL	420
	R4BF58	-6	-8,0	428,433→436
		0	-8	428,433→436
		6	-4	428,433→436

TABLE V (Continued)

BAD PRESSURE DATA LIST
FIRST ENTRY

COMPONENT	IDENTIFIER	β	α	TAP NUMBER
BODY FLAP - LOWER SURFACE (Contd)	R4BF59	6	4	428,433→436
	R4BF60	-4	-4,0	428
		0	-8,4	428
		0	4	433→436
		4	0	428,433→436
	R4BF61	-6,-4	-8	417
	R4BF64	-8	-8	435
BODY FLAP - UPPER SURFACE	R4BG58	-6	-8,0	429→432, 437→440
		0	-8	" "
		6	-4	" "
	R4BG59	-6	4	429
		6	4	429→432, 437→440
	R4BG60	-4	-4,0	429
		0	-8	429
		0	4	429→432, 437→440
		4	0	429→432, 437→440
WING - LOWER SURFACE	R4BL28 →R4BLE3	ALL	ALL	618,619
	R4BL28	ALL	ALL	900
		-8	4	103,104,786,802→818,833→847
		-8	8	809,810,818,833→847
		-6	-8	103,104,809→816,818,833→847
		-6,-4,0,4	ALL	685
	R4BL29	ALL	ALL	900
		4	-8	809→816,818,834→844
		-6,-4,0,4	ALL	685
	R4BL30	ALL	ALL	900
		-6	-4	103,104,809→816,818,834→844
		-4	4	810→816,844
		-4,4,6	-8	103,104
		4,6	-8	809→816,818,833→844
	R4BL31	ALL	ALL	900
	R4BL32	-4	4	103,104,809→816,818,833→844
		ALL	ALL	872
	R4BL33	0	-4	103,104,809→816,818,833→844
		4	4	809→816,818,833→844
		6	0	812→816,833
	R4BL34	-6	-4	103,104,809→816,818,833→844
		-4	0,4	"

TABLE V (Continued)

BAD PRESSURE DATA LIST
FIRST ENTRY

COMPONENT	IDENTIFIER	β	α	TAP NUMBER
WING - LOWER SURFACE (Contd)	R4BL35	-6	0	103,104,809→816,818,833→844
		-4	4	"
		0	-8	"
		0	0	"
		4	-8	"
		6	4	"
	R4BL36	-6	-8,-4,0	"
		0,4	4	809→816,818,833→844
	R4BL37	-4	-8,-4	103,104,809→816,818,833→844
		4	4	103,104
		4	0,4	809→816,818,833→844
		4	-8	809,810,811,833→844
	R4BL38	-6	-4	809→816,818,833→844
		-4	0	103,104,809→816,818,833→844
		0	4	809→816,818,833→844
		4	0,4	809→816,833→844
		6	-4	104,809→816,818,833→844
	R4BL39	-6	-8	103,104,809→816,818,833→844
		-6	-4,0	810→816
		-6	-4	818
		-6	0	818,834→844
		0	-4	103,104,818,834→844
		0	-4,0	809→816
		0	0,4	818,834→844
		0	4	810→816
		4	-4,4	809→816
		4	4	818,834→844
		4	-4	103,104,818,833→844
		6	-8	103,104
		6	-8,0	809→816,818,833→844
	R4BL58	ALL	ALL	781
	R4BL64	ALL	ALL	900
	R4BL66	ALL	ALL	872
	R4BL67	ALL	ALL	748,872,902
	R4BL68	ALL	ALL	748
		-6	-8,-4	872
		0	0,4	900
		4,6	ALL	900

TABLE V (Continued)

BAD PRESSURE DATA LIST
FIRST ENTRY

COMPONENT	IDENTIFIER	β	α	TAP NUMBER
EXTERNAL TANK - PROTUBERANCES	R4BM32	ALL	ALL	1600→1650
	R4BM75	-6	-4	ALL
	R4BMA2	-6	-4,4	1767→1797
		-4,4	4	1767→1794
	R4BMA3	6	-4,0	1767→1786
	R4BMA4	6	4	1767→1786
	R4BMA7	6	-4	1767→1786
	R4BMB2	-6	-8	1767→1797
		-6	-4	1762→1798
		-6	4	1767→1798
		-4	-4	1767→1798
		-4	0,4	1762→1798
		4	-8	1762→1798
		4	-4	1763→1798
	R4BMB3	4	-8	1767→1797
	R4BMB4	-6	-4	1767→1797
		4	-4	1762→1798
		6	4	1767→1781
	R4BMB5	-6	-4	1767→1798
		0	-8	1767→1797
		6	0	1767→1797
	R4BMB6	6	0	1762→1798
	R4BMC1	0	4	1762→1798
	R4BMD3	-4,0,4	0	1745
SRB - PROTUBERANCES	R4BN53	-6	4	2346,2348,2351,2352,2301, 2359
	R4BN57	-6	4	2360
SRB - SURFACE	R4BS39	-6	-8	2042,2043,2044,2046
		-6	ALL	2041
		-6	-4	2043,2044,2046
		-6	0	2042
		-4	ALL	2043
		-4	-4,4	2044
		-4	-8,-4	2041,2042
		0	0,4	2042,2043,2044
		0,4	ALL	2041
		4	4	2043

TABLE V (Continued)

BAD PRESSURE DATA LIST
FIRST ENTRY

COMPONENT	IDENTIFIER	β	α	TAP NUMBER
SRB - SURFACE (Contd)	R4BS39	4	-4,0	2042,2044
		6	-8,4	2043,2044
		6	-8,0,4	2041,2042
		-6	ALL	2011,2024
EXTERNAL TANK - SURFACE	R4BT30	-6	-8,-4	1018→1020,1023→1025 1219→1221,1228→1230 1233→1235,1248→1250 1223,1224,1237→1240, 1252→1254
		-6	-8	1021,1022,1209,1213,1217, 1218,1222,1225,1227,1231, 1232,1236,1246,1247
		-6	-4	1022,1217,1218,1222,1225, 1227,1232,1236,1241,1243, 1251
		-4	-4	1230
		-4	-8	1021,1230,1246
	R4BT31	-6	-8	1018→1024,1209,1210,1212, 1213,1217→1254
		-6	-4	1020,1227
		0	4	1018→1021,1025,1218,1219, 1225,1227,1231→1233,1236, 1237,1243,1246,1247,1252
	R4BT32	-6	-4	1020,1021,1023,1024,1231, 1245,1253
		-6	4	1022,1236→1238,1246,1252, 1253
		-4	4	1244
	R4BT39	-6	-8	1054,1071→1073,1074,1085→ 1087,1089,1091,1092,1380, 1387,1516→1518,1523→ 1525,1527→1529,1536
		-6	-4	1059,1076,1071,1387,1518, 1522,1523,1524,1527→1529, 1535,1536
		-6	4	1056→1059,1078,1080,1098, 1099,1366,1367,1371→1373, 1387→1390,1392→1398,1400→ 1402,1413→1415,1417→1420, 1422,1423,1554→1559,1560, 1562,1564,1568→1573

TABLE V (Continued)

BAD PRESSURE DATA LIST
FIRST ENTRY

COMPONENT	IDENTIFIER	β	α	TAP NUMBER
EXTERNAL TANK - SURFACE (Contd)	R4BT39	-6	0	1425
		-4	0	1078→1082,1084,1504, 1551→1553,1555,1557, 1560→1567,1574
		-4	-4	1062→1065,1067→1069,1091, 1400→1425,1501→1529
		-4	-8	1088,1144,1353→1355,1404, 1409,1411,1412,1422,1424,1425, 1512,1514,1515,1526,1528,1529
		0	0	1064,1065,1142,1143, 1387→1389,1400→1402, 1404→1407,1409→1411, 1413→1415,1417→1420, 1422→1424,1501→1503, 1507→1509,1512→1514, 1516→1519,1521→1523
		0	4	1062→1064,1066→1069,1078, 1080→1085,1402,1403, 1406→1412,1415,1416, 1419→1425,1504,1505, 1508→1515,1518,1519, 1522→1529,1560→1562,1564
		0	-8	1064,1066,1068,1070,1073, 1075,1077,1078,1080→1084, 1382,1395,1408,1407,1416, 1417,1420,1421→1425,1519, 1520,1525→1529,1530→1534, 1538,1541→1545,1546→1548, 1555→1559,1560→1567, 1569→1573,1574
		0	-4	1074→1077,1088→1090,1524, 1530→1534,1542,1543
		4	-8	1070→1073,1074,1075,1077, 1079,1082→1087,1091,1367, 1368,1373,1387,1392, 1526→1529,1535→1545, 1546→1573
		4	4	1063,1078,1081,1082,1147, 1405→1407,1409,1414,1517, 1540,1552,1553,1554,1560, 1561,1568,1570,1572,1573

TABLE V (Continued)

BAD PRESSURE DATA LIST
FIRST ENTRY

COMPONENT	IDENTIFIER	β	α	TAP NUMBER
EXTERNAL TANK - SURFACE (Contd)	R4BT39	4	0	1062,1065→1069,1077,1079→1081,1084→1087,1088→1090,1092,1093→1095,1144,1147→1149,1413→1425,1501→1510,1512→1515,1530→1539,1542→1525,1546→1553,1556→1559,1560→1567,1570→1573
		6	-8	1063→1066,1068,1069,1077→1080,1082,1083,1085,1087,1088,1089,1091→1094,1143,1402,1406→1409,1412,1413,1414,1417,1421,1507,1509,1512→1515,1516,1518,1521,1523,1526→1529,1537,1539→1545,1551,1553→1559,1560,1561,1567,1570→1573
		6	-4	1064,1417
		6	0	1062,1409,1410,1412,1420,1526,1527
		6	4	1054→1059,1060→1101,1364→1373,1374→1425,1501→1573
	R4BT57	-6	4	1102,1104,1107,1108,1114,1116,1127,1141,1546,1547,1556,1558,1559,1560,1561,1566→1569
	R4BT63	0	-8	1040,1041
	R4BT99	±4,±6	-8	1182,1183
	R4BTA7	6	-4	1402→1405,1408→1411,1416,1417,1419,1421→1424,1516→1520,1523→1527
	R4BTA9	-8	-4	1182,1183
		0	-8	1182,1183
		4	-4	1182,1183
	R4BTB6	6	0	1408,1409,1421,1422,1516→1527
	R4BTE3	6	-6	1184→1186,1189,1195,1196,1200,1202,1208,1209,1217,1218,1222,1223,1224,1226,1232,1236→1242,1247,1251→1254,1205,1206

TABLE V (Continued)

BAD PRESSURE DATA LIST
FIRST ENTRY

COMPONENT	IDENTIFIER	β	α	TAP NUMBER
WING - UPPER SURFACE	R4BU28	8	8	818→833
		-8	4	
		-6	-8	
	R4BU29	4	-8,-4,4	
	R4BU30	-6	-4	
		-4	-8,-4	
		4,6	-8	
	R4BU32	-4	4	
	R4BU33	0	-4	
		4	4	
		6	0	
	R4BU34	-6	-4	
		-4	4,0	
	R4BU35	-6	0	
		-4,6	4	
		0	-8,0	
		4	-8	
	R4BU36	-6	-8,-4,0	
		0,4	4	
	R4BU37	-4	-4,-8	
		4	-8,0,4	
	R4BU38	-6	-4	
		-4	0,-8	
		0	4	
		4	-4,0,4	
		6	-4	
	R4BU39	-6	-8,0	
		-4	-8,4	
		0	-4,0	
		4	-4,4	
		6	-8,0	818→833
	R4BU40	6	0,4	693
	R4BU41	ALL	ALL	693
	R4BU42	ALL	ALL	693
	R4BU30 → R4BU46	ALL	ALL	861
	R4BU47	-6	-8	693
	R4BU47 → R4BU49	ALL	ALL	861
	R4BU47	0	ALL	693
	R4BU48	ALL	ALL	693
	R4BU50	-8	ALL	693

TABLE V (Continued)

BAD PRESSURE DATA LIST
FIRST ENTRY

COMPONENT	IDENTIFIER	β	α	TAP NUMBER
WING - UPPER SURFACE (Contd)	R4BU51	ALL	ALL	693
	R4BU54	ALL	ALL	693,861
	R4BU55→R4BU57	ALL	ALL	861
	R4BU62	-6,0	ALL	693
	R4BU62	ALL	ALL	861
	R4BU63	ALL	ALL	861
	R4BU65→R4BU67	ALL	ALL	827,828
	R4BU66→R4BU71	ALL	ALL	861
	R4BU64→R4BU69	ALL	ALL	796
	R4BU72→R4BU75	ALL	ALL	796
	R4BU74→R4BU97	ALL	ALL	861
	R4BU81	-6	-8,-4	796
		-6	-4	887
		-6	0,4	796,887
		0	-8,-4	796,887
		6	ALL	796
		6	-8,-4,4	887
	R4BU83→R4BU87	ALL	ALL	796
	R4BU83→R4BU97	ALL	ALL	858,887,888
	R4BU99	ALL	ALL	693
		-4	6	861
		ALL	ALL	795→797
		ALL	ALL	828,829
		ALL	ALL	856→858
		ALL	ALL	886→888
	R4BU52→R4BU53	ALL	ALL	861
	R4BU58→R4BU61	ALL	ALL	861
	R4BU60 R4BU61	ALL	ALL	693
	R4BUA1→R4BUE3	ALL	ALL	795,796,826,828,829, 856→858,885→888,706,861

TABLE V (Continued)

BAD PRESSURE DATA LIST
FIRST ENTRY

COMPONENT	IDENTIFIER	β	α	TAP NUMBER
VERTICAL TAIL	R4BV28 →R4BV67	ALL	ALL	501,502,542
	R4BV29	-6	ALL	516
	R4BV41 →R4BV67	ALL	ALL	560
	R4BV58	-6,0	-8	501→507,509→524
		-6	0	↓ ↓
		6	-4,4	
		0	4	
		4	0	

TABLE V (Continued)

BAD PRESSURE DATA LIST
SECOND ENTRY

COMPONENT	DATA SET IDENTIFIER	β	α	TAP NUMBER
ORBITER FUSELAGE	R4FB12	6	0	167→173,178→182,185,187→192, 199→203,205→207,209→213,217
ORBITER BASE	R4FE06	0	0	305
	R4FE10	6	-8	305,307,320
	R4FE11	4	-8	304,305,309,310,314,315, 319,320,324
		4	-6	304,305,307,310,314,315,319, 320,324
		4	-4	302,307,308,309,310,311,312, 314,315,316,317,319→322,324
	R4FE33,34	ALL	ALL	308
	R4FE59→64	ALL	ALL	308
	R4FE73	-6	4	303,306,310,313,314,315,319, 320,323
		-4	4	305,307,310
	R4FE74	6	-8,-4	305,307,320,324
		-6	4	304,305,306,309,310,315,319, 320,323,324
	R4FE75	ALL	-8,-4	308
		ALL	0	308
	R4FE82	-6	4	304,305,309,310,314,315,319, 320,324
	ALL	ALL	ALL	301
BODY FLAP - LOWER SURFACE	R4FF06	0	0	436
	R4FF10	6	-8	411
	R4FF11	4	-8	401,410,411,426,436
		4	-6	401,410,411,420,425,426,435
		4	-4	ALL
	R4FF73	-6	4	404,409,410,411,426,436
		-3	4	411
	R4FF74	6	-8	402,411

TABLE V (Continued)

BAD PRESSURE DATA LIST
SECOND ENTRY

COMPONENT	DATA SET IDENTIFIER	β	α	TAP NUMBER
BODY FLAP - LOWER SURFACE (contd)	R4FF74	4	-4	436
		6	-4	402
		-6	4	410,411,420,425,426,435,436
	R4FF82	-4	4	401,410,411,420,425,426,435, 436
BODY FLAP - UPPER SURFACE	R4FG03	ALL	ALL	414
	R4FG06	ALL	ALL	414
		0	0	406,421,440
	R4FG10	6	-8	406,416
	R4FG11	4	-8	415,416,421,431,440
		4	-6	405,406,415,421,430,440
		4	-4	ALL
	R4FG25 →R4FG30	ALL	ALL	414
	R4FG53 →R4FG58	ALL	ALL	414
	R4FG73	-6	4	405→408,414→416,421,424,431, 440
		-4	4	406,416
	R4FG74	6	-8	406,408,416
		4	-4	421
		6	-4	406
		-6	4	405→408,415,416,421,430,431, 432,440
	R4FG82	-4	4	405,406,415,416,430,431,440
	R4FG95 →R4FG97	ALL	ALL	414
MISCELLANEOUS	R4FJ11	4	-8	215
	R4FJ74	4	-4	583

TABLE V (Continued)

BAD PRESSURE DATA LIST
SECOND ENTRY

COMPONENT	DATA SET IDENTIFIER	β	α	TAP NUMBER
WING - LOWER SURFACE	ALL	ALL	ALL	809
	R4FL08	ALL	ALL	650
	R4FL12	6	0	ALL
	R4FL65	ALL	-8,-4	814
	R4FL66 →R4FL74	ALL	ALL	814
	R4FL66	ALL	-8	872,900,902
		ALL	6	810,812
	R4FL67 →R4FL74	ALL	ALL	812
	R4FL73	-6	4	808,809
		-4	4	810
	R4FL74	ALL	-8	809
		6	-8	810
		ALL	-4,0	810
		-6	4	808
SRB PROTUBERANCES	ALL	ALL	ALL	2306→2312,2314,2335→2343
SRB SURFACE	R4FS06	0	0	2160
	R4FS11	4	-8	2210
		4	-6	2209,2210
		4	-4	2210
		6	0	ALL
	R4FS73	-6	4	2209,2210
	R4FS82	-4	4	2170,2171,2175,2204
EXTERNAL TANK SURFACE	R4FT06	0	0	1559
	R4FT11	4	-8	1425,1529
	R4FT12	6	0	1306→1309,1311,1312, 1323→1329,1340→1346, 1357→1362,1375→1380, 1391→1393,1395→1397, 1408→1414,1421,1425
		ALL	4	1351
	R4FT64	4	0	1517
	R4FT66	ALL	6	1375,1351
	R4FT73	-6	4	1424,1425,1543,1544,1545

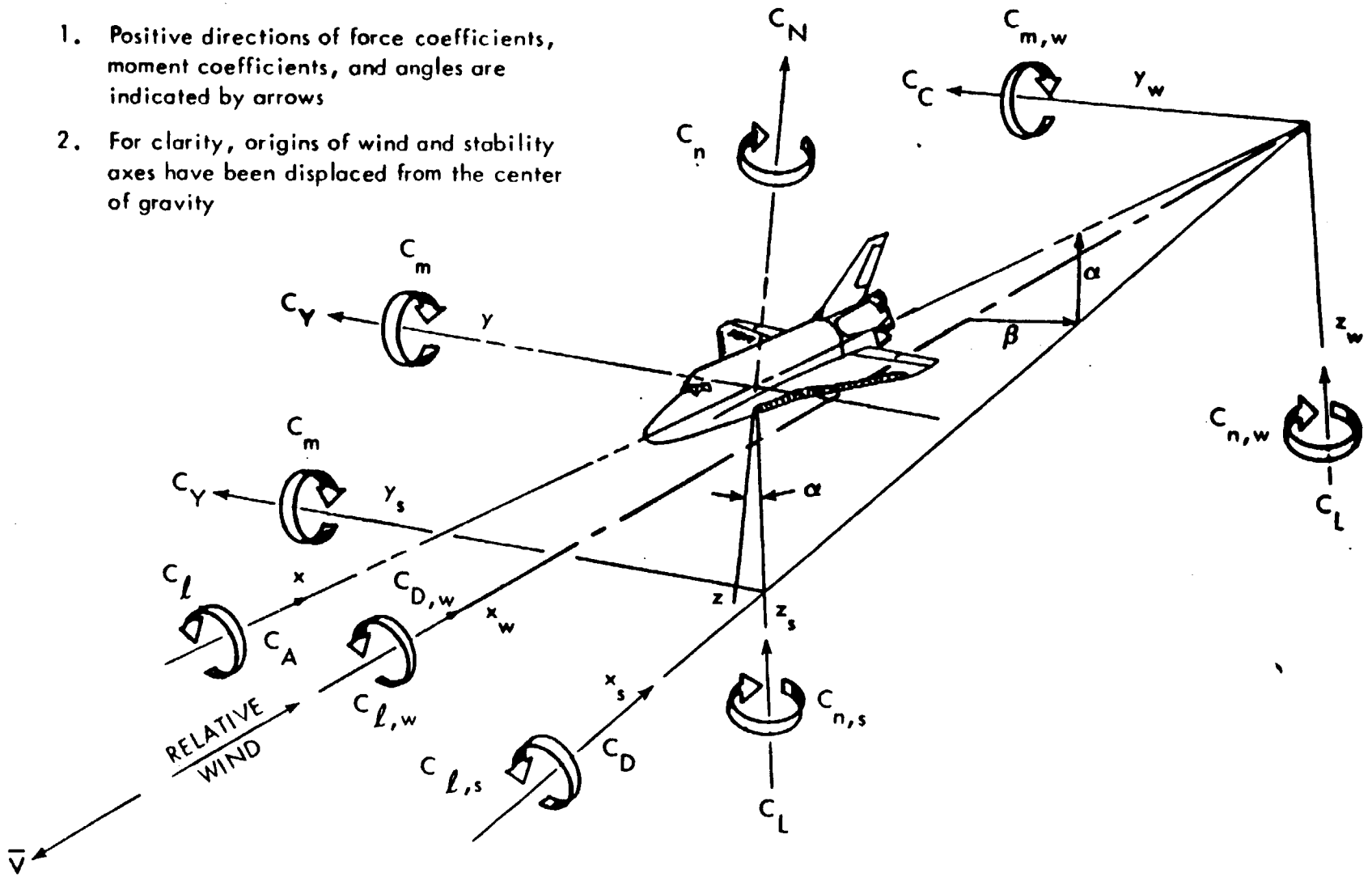
TABLE V (Concluded)

BAD PRESSURE DATA LIST
SECOND ENTRY

COMPONENT	DATA SET IDENTIFIER	β	α	TAP NUMBER
EXTERNAL TANK SURFACE (Contd)	R4FT73	-4	4	1425,1545
	R4FT74	4	-4	1425,1545
	R4FT75	-8	-8	1546
	R4FT82	-4	4	ALL
UPPER WING BASE	R4FU08	ALL	-8	796
	R4FU12	6	0	636,637,672,794,796→801, 819→824,358→862,879→884, 886,906
	R4FU66	-6→0	-8	796
	R4FU82	-4	4	770,802

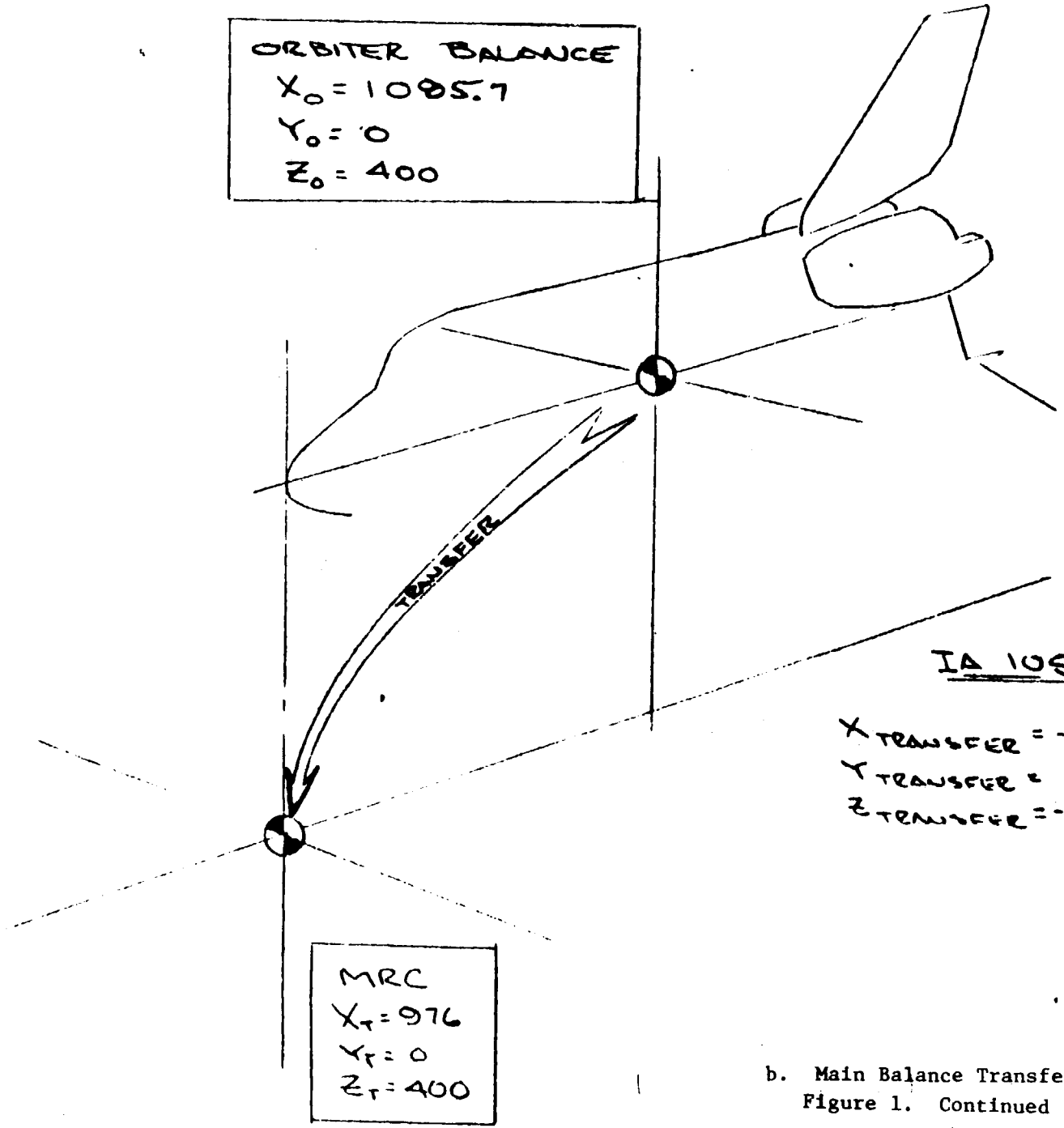
Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



a. Axis Systems

Figure 1. Model Axis Systems, Sign Conventions and Reference Dimensions



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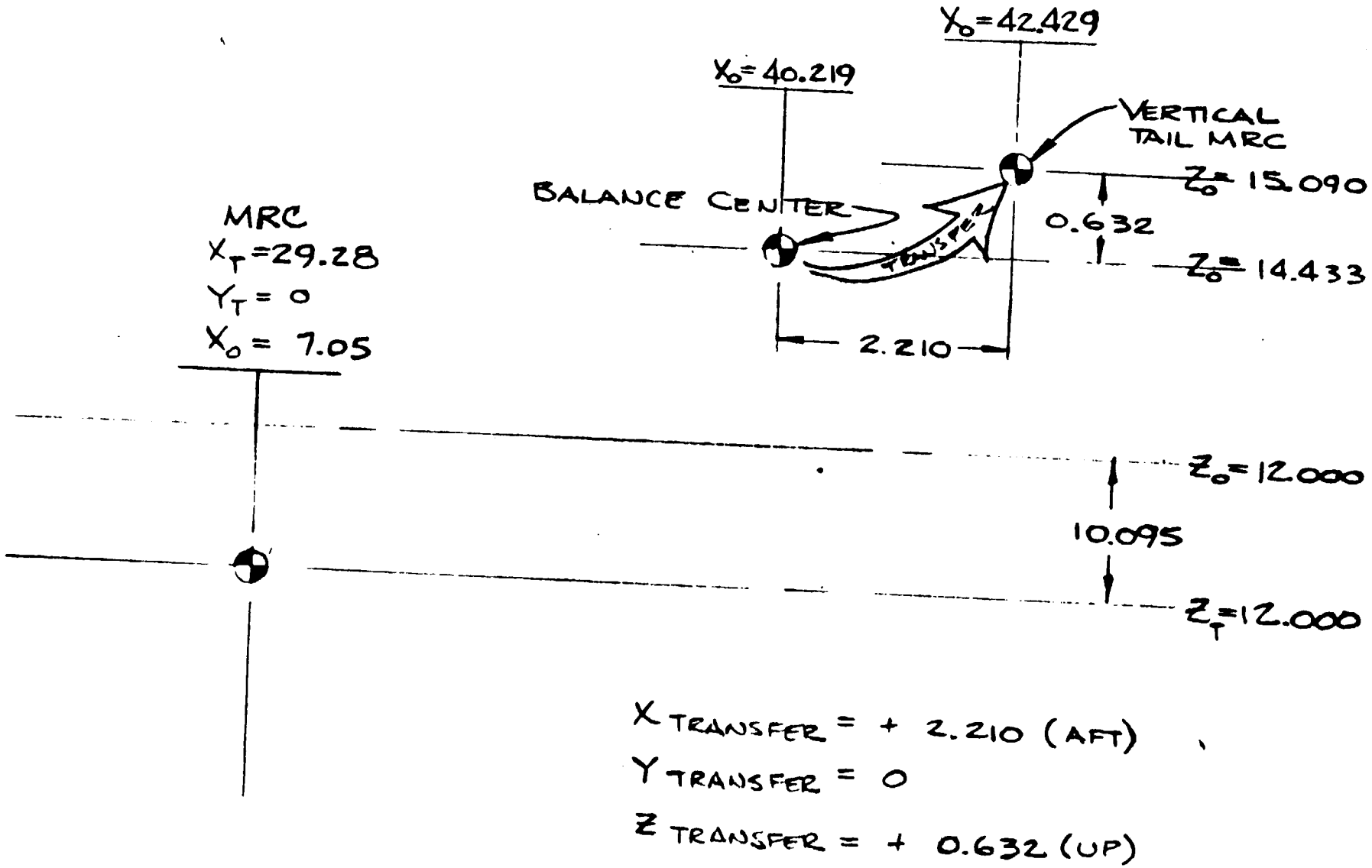
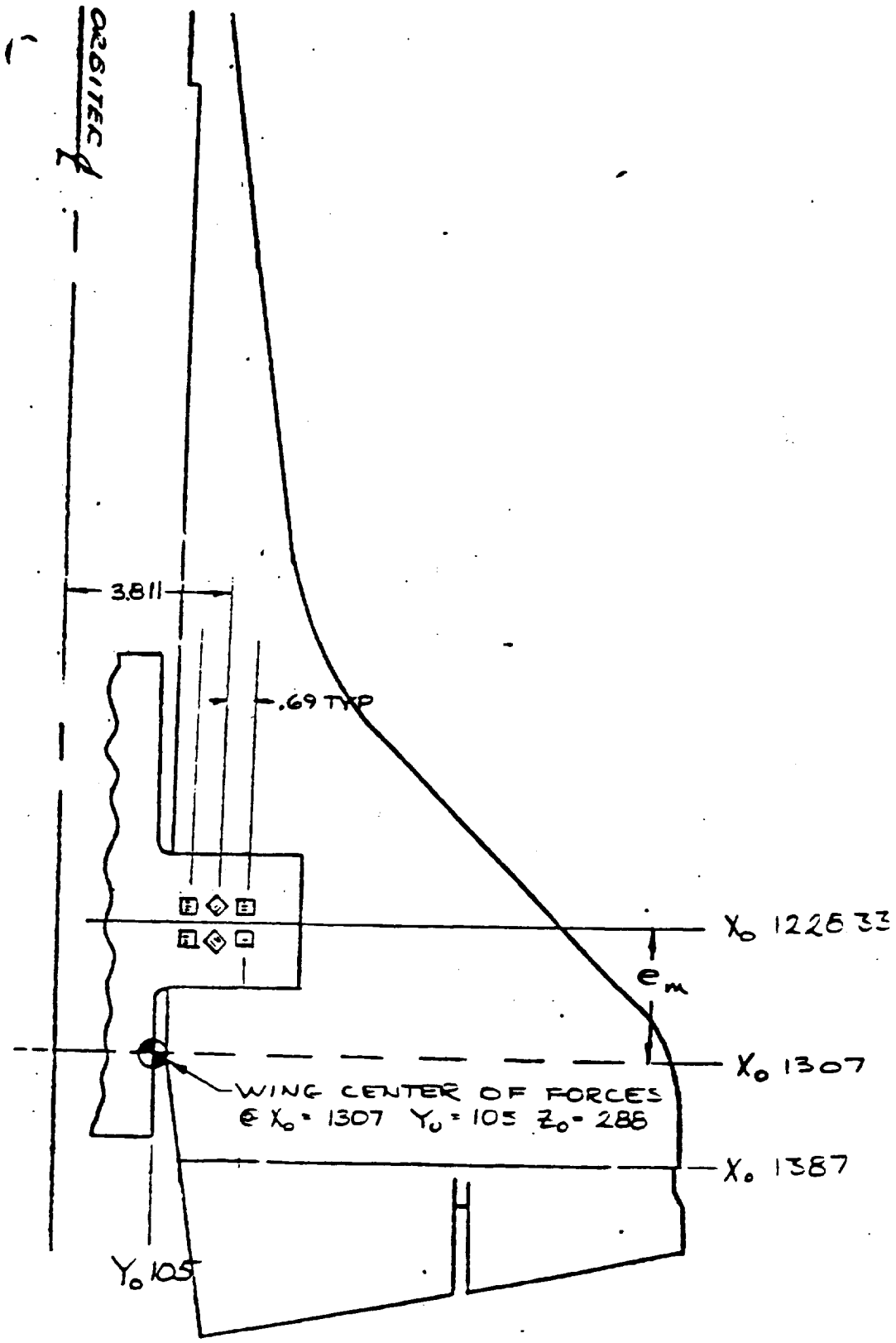
$X_{TRANSFER} = -860.7$ (FORWARD)
$Y_{TRANSFER} = 0$
$Z_{TRANSFER} = -336.5$ (DOWN)

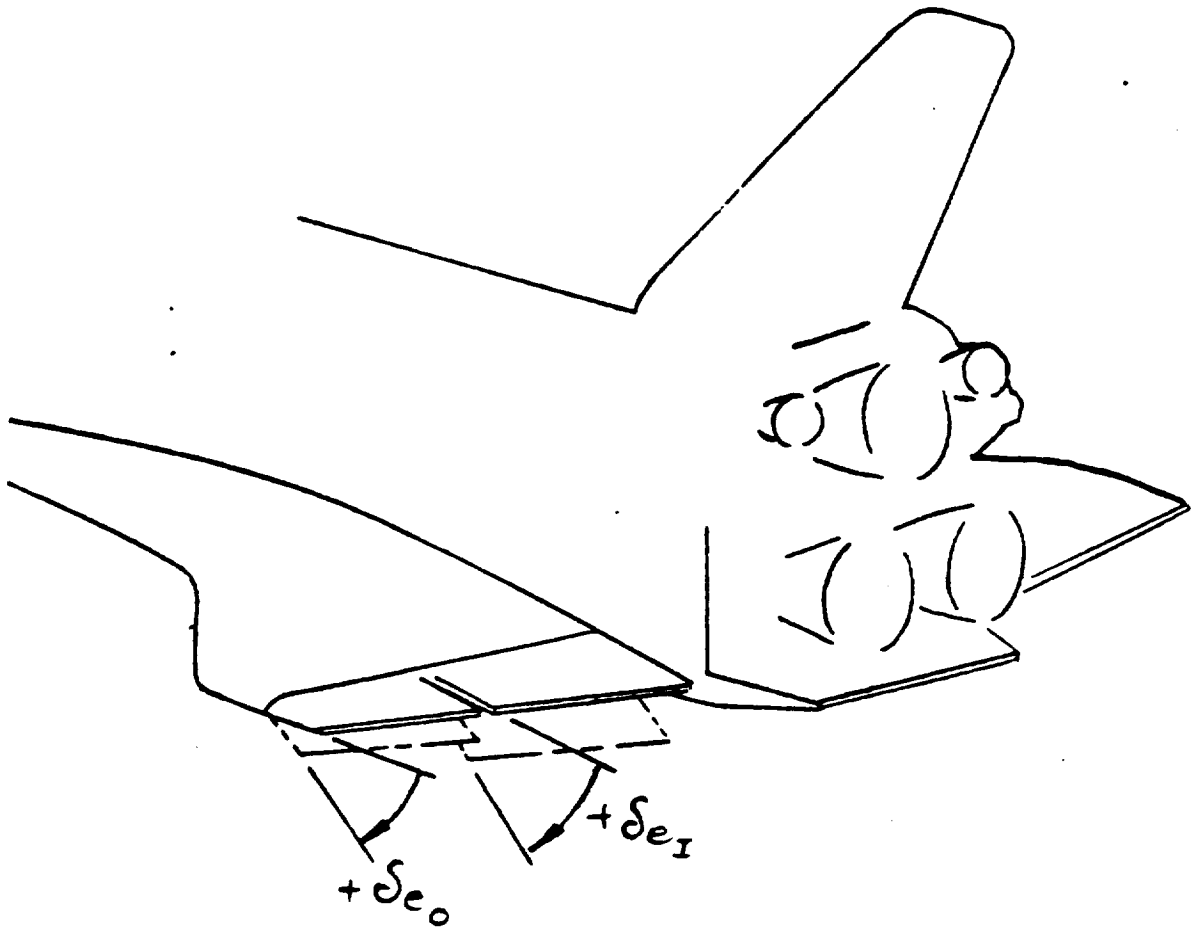
b. Main Balance Transfer
Figure 1. Continued



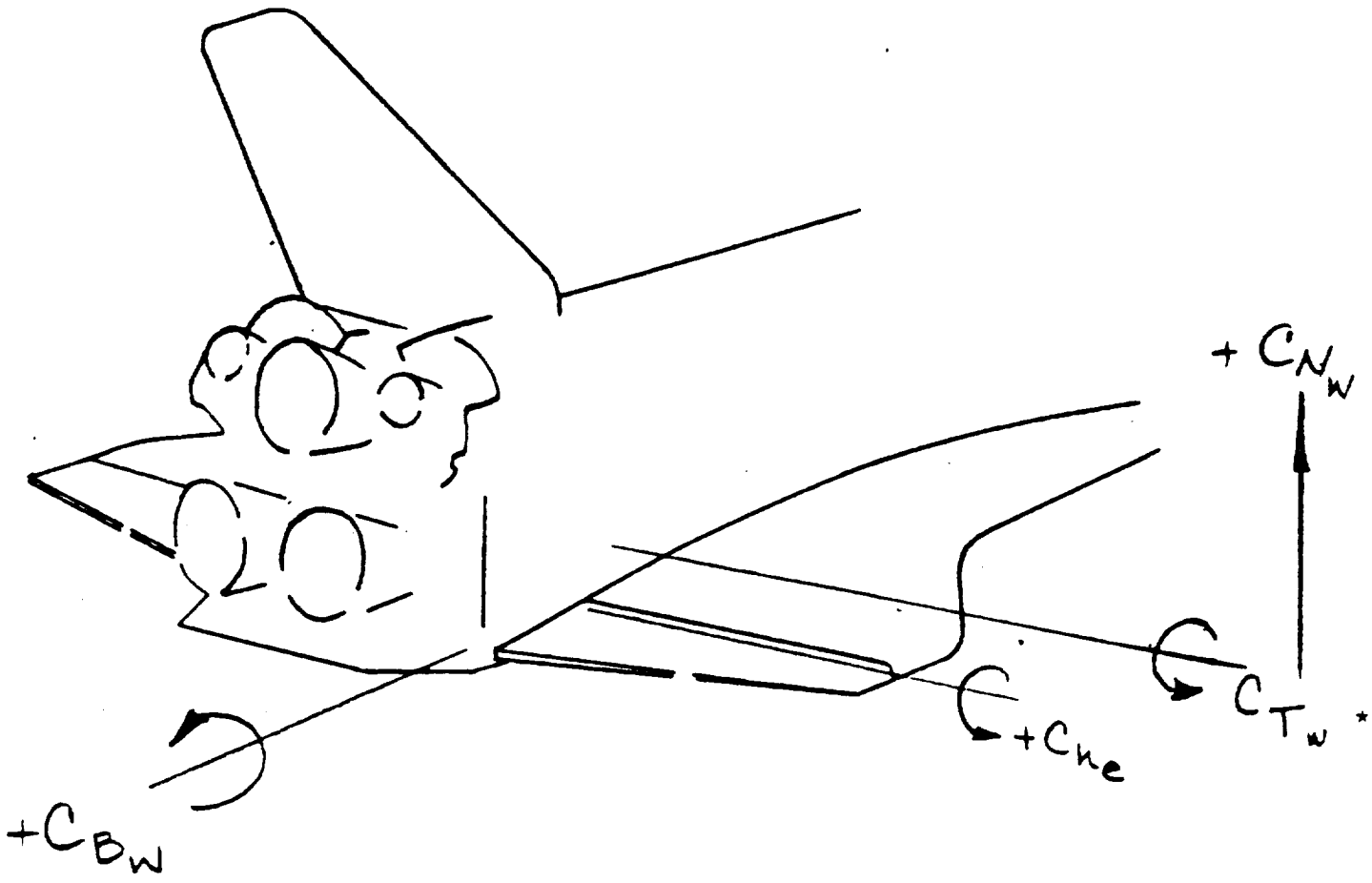
c. Vertical Tail Balance Transfer
Figure 1. (Continued)



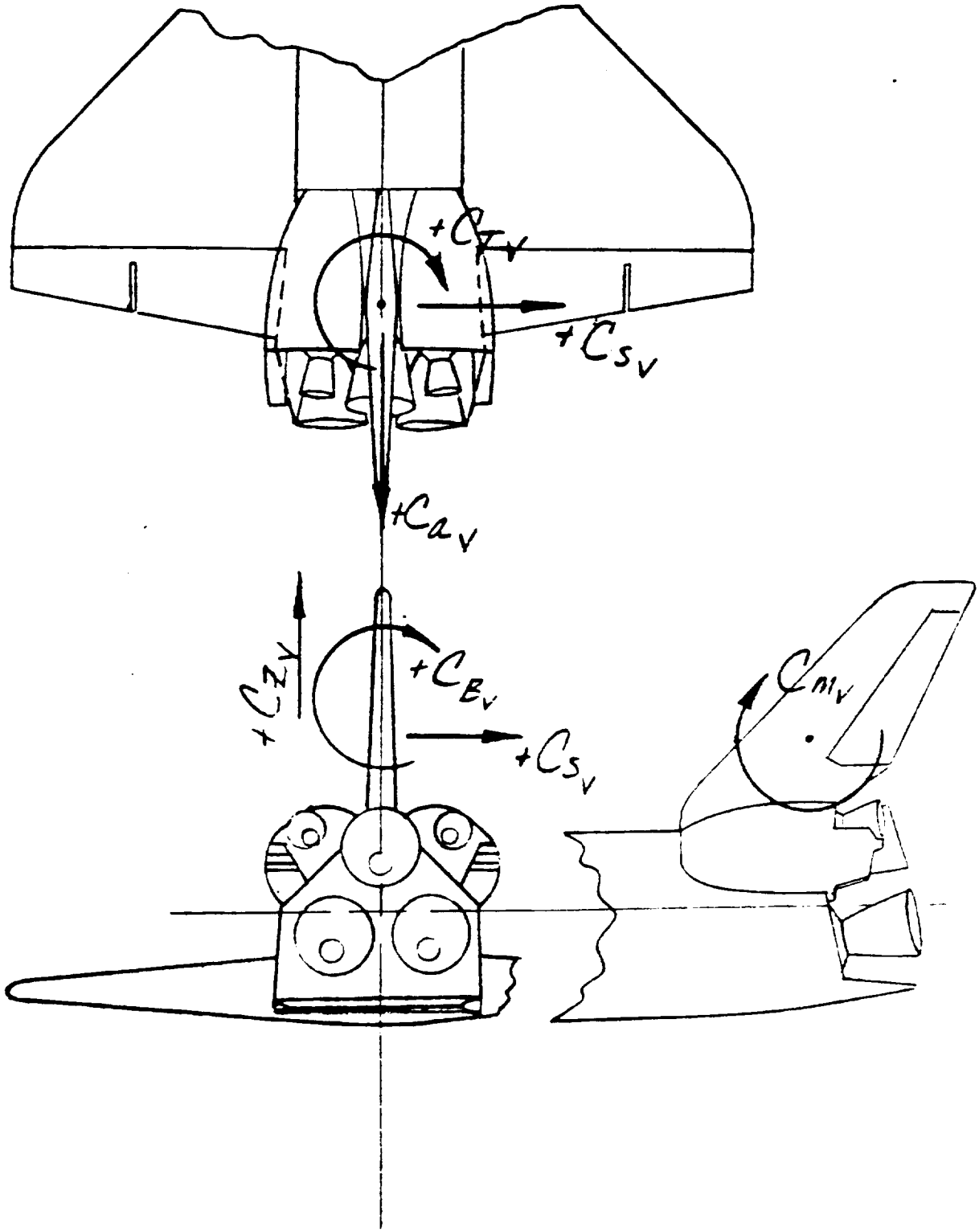
d. Wing Balance Transfer
Figure 1. (Continued)



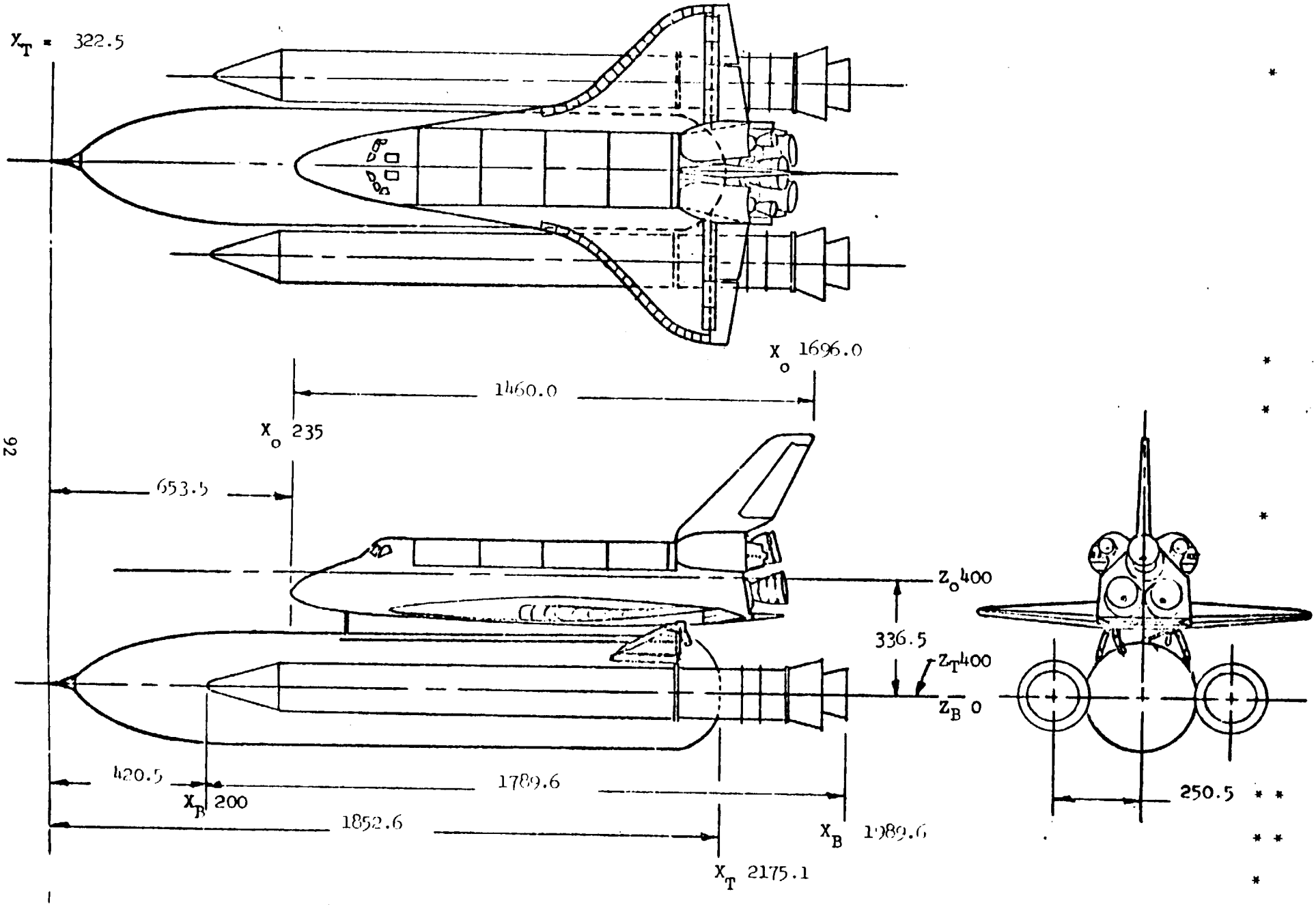
e. Elevon Deflection Sign Convention
Figure 1. (Continued)



f. Wing Load Sign Convention
Figure 1. (Continued)



g. Vertical Tail Load Sign Convention
Figure 1. (Concluded)



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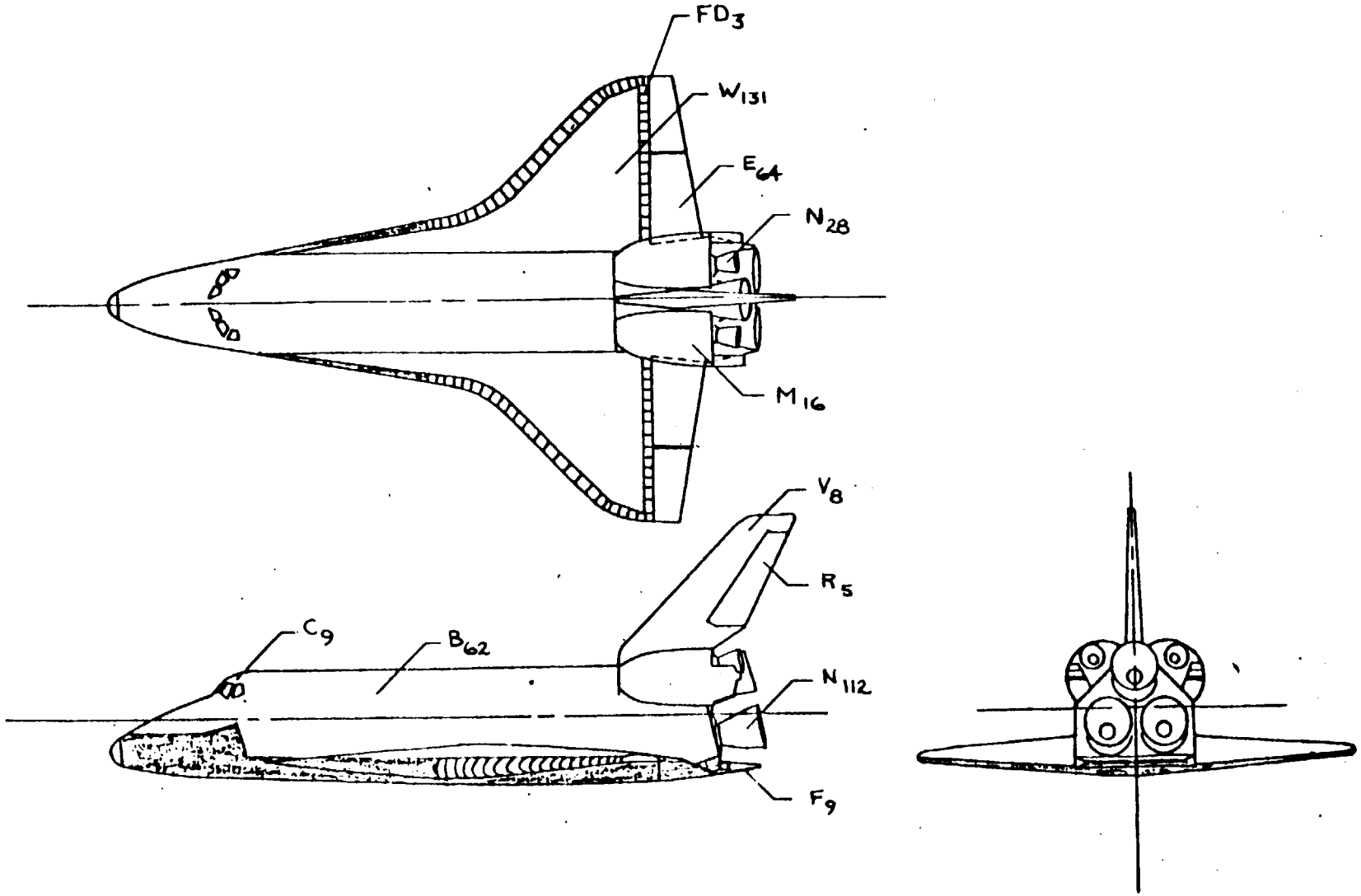
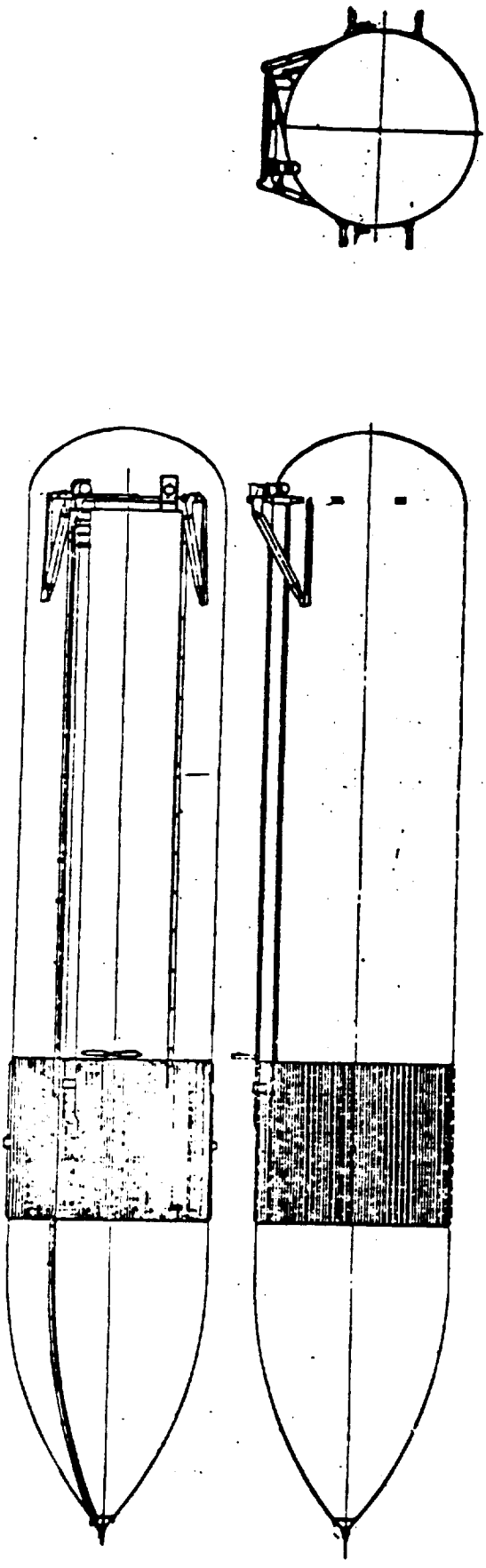
a. Launch Vehicle

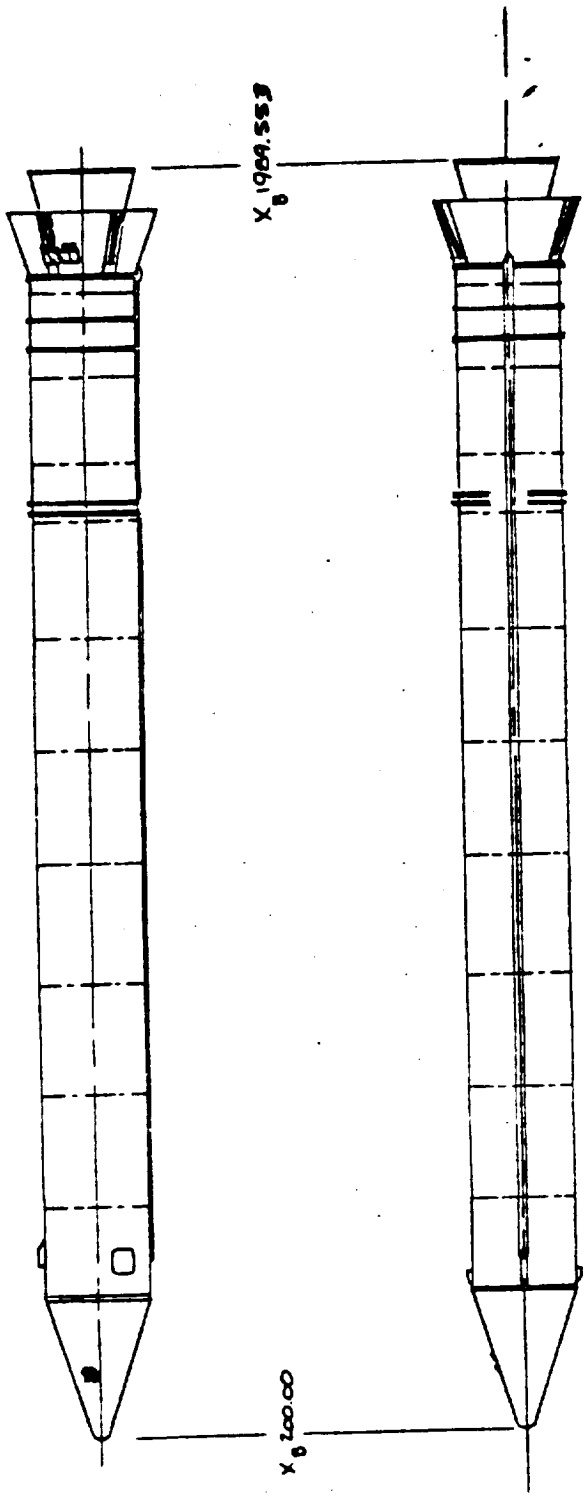
Figure 2. Launch Vehicle 6 Configuration



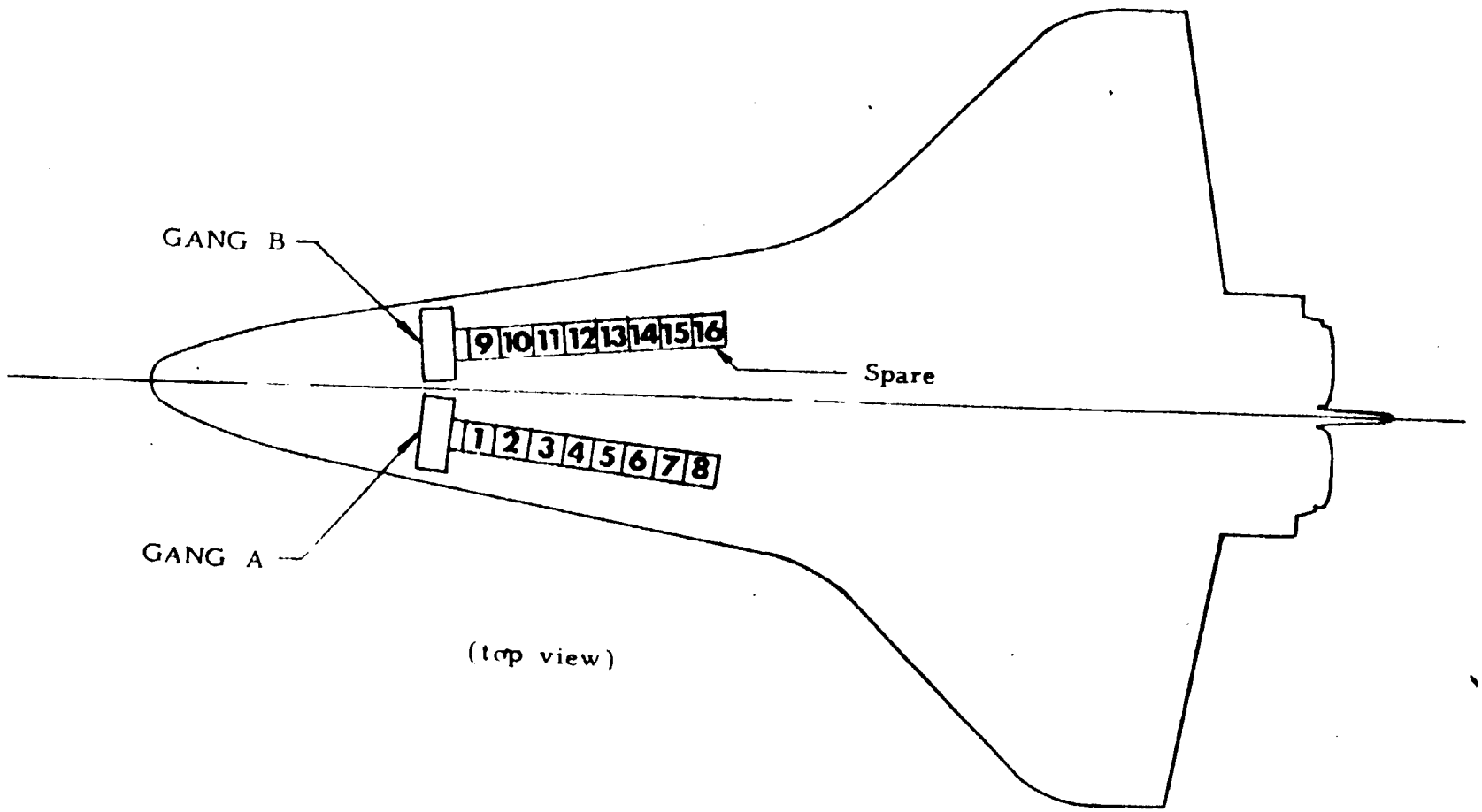
b. Orbiter 102
Figure 2. (Continued)



c. External Tank - T39
Figure 2. (Continued)

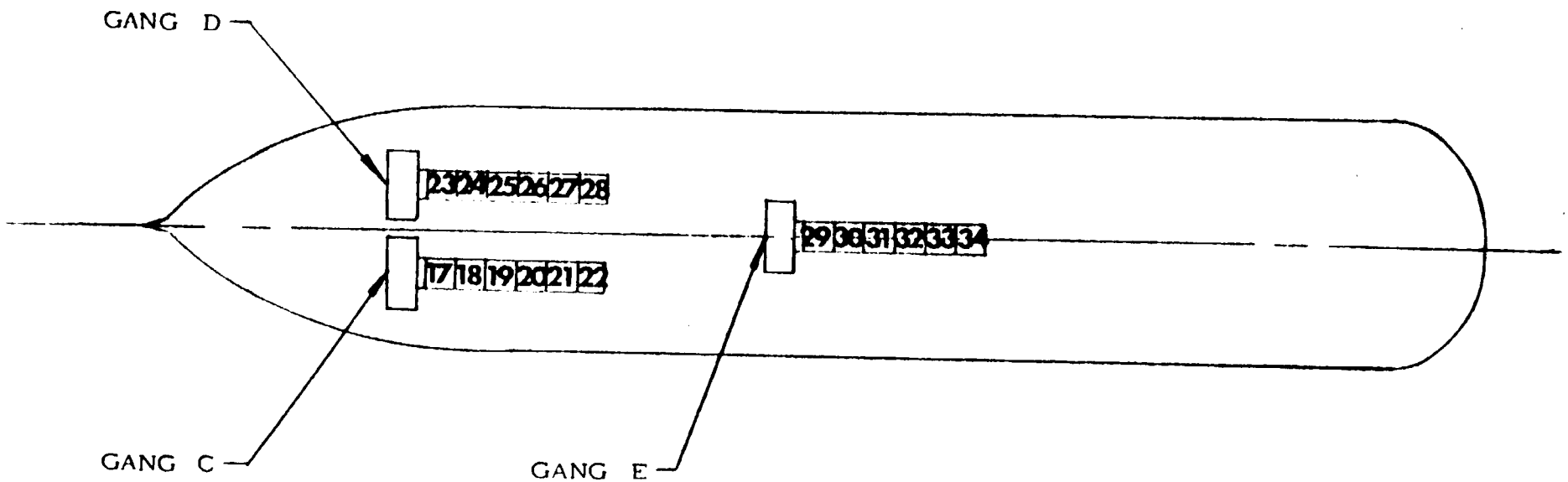


d. Solid Rocket Booster - S_{27}
Figure 2. (Concluded)

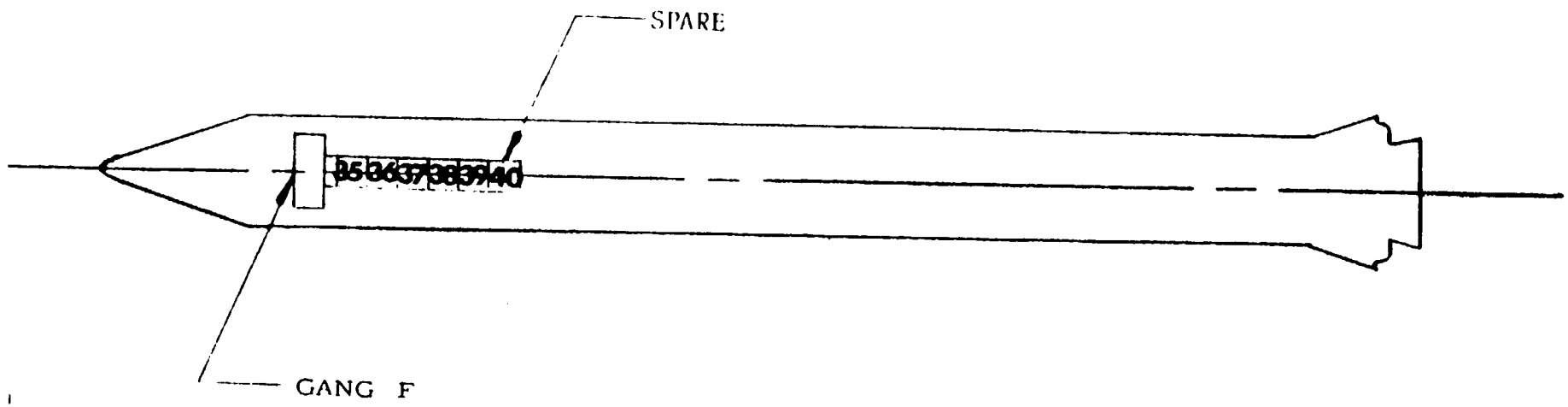


a. Orbiter

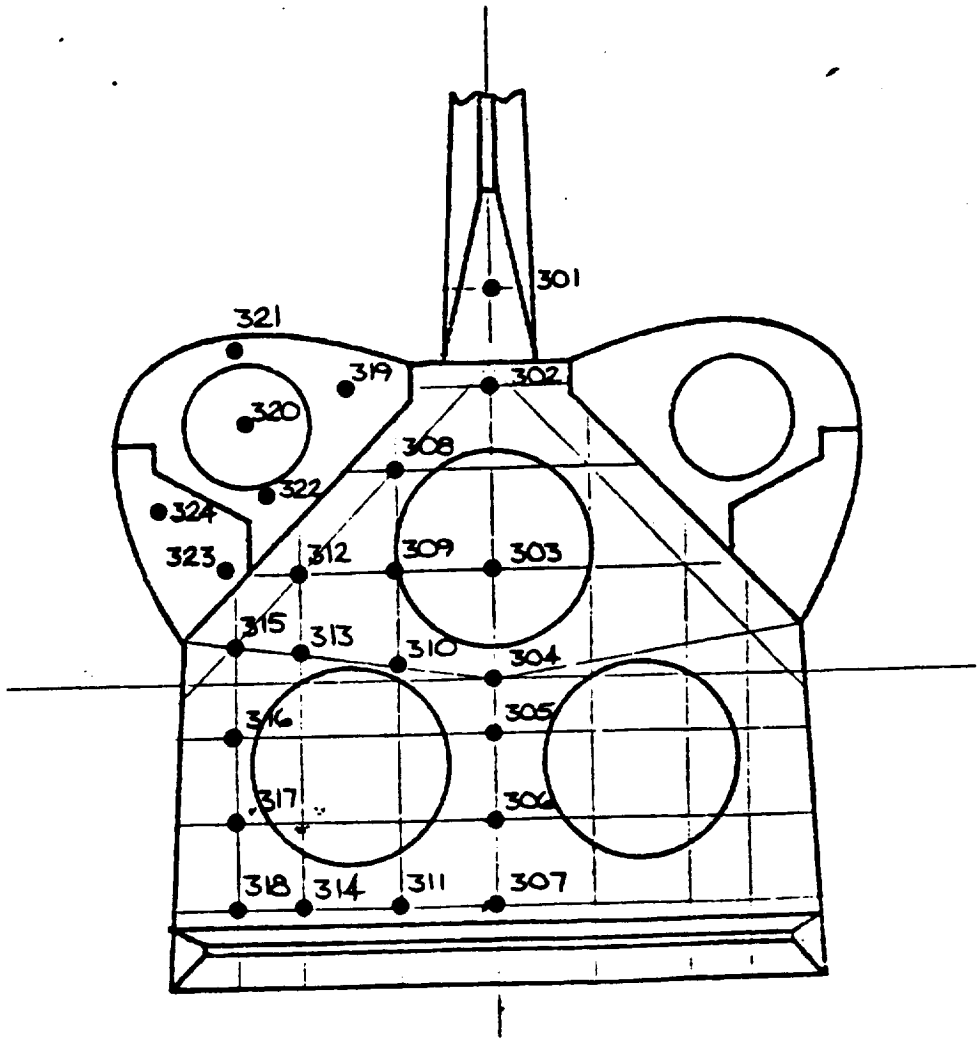
Figure 3. Scanivalve Locations



b. External Tank
Figure 3. (Continued)



c. Solid Rocket Booster
Figure 3. (Concluded)



TAP	Z_o	Y_o
301	532	0
302	505	0
303	443	0
304	400	0
305	376	0
306	340	0
307	302	0
308	478	-38

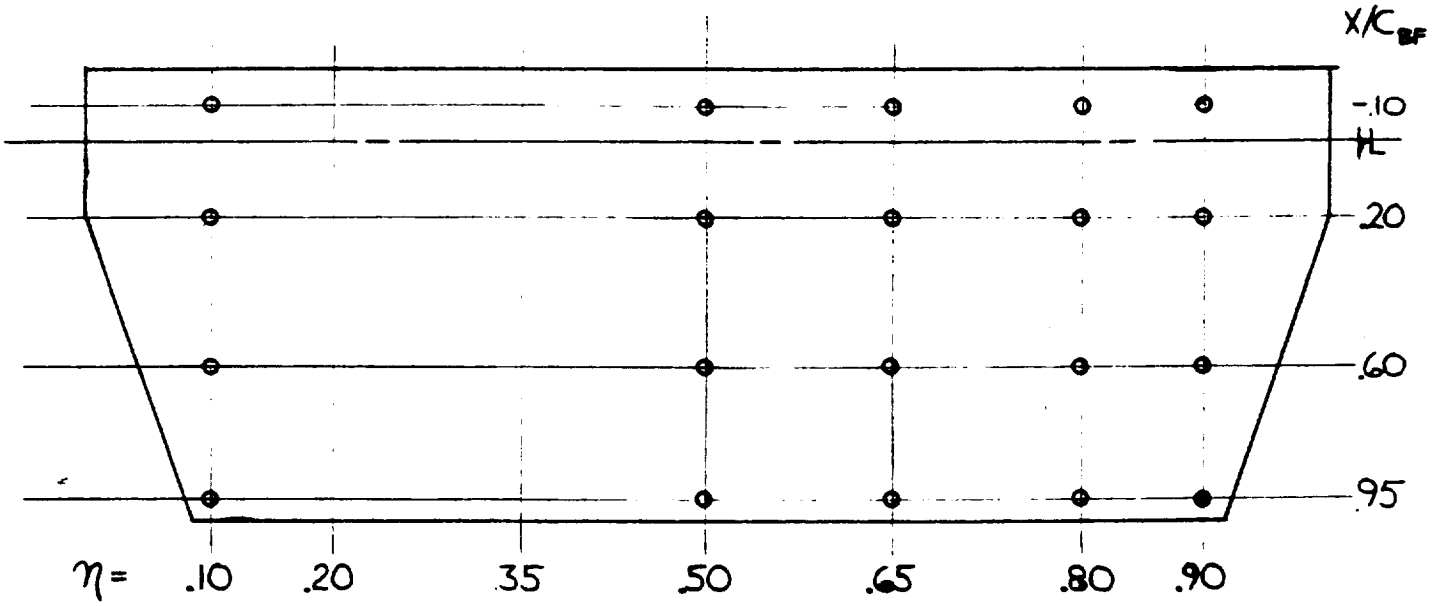
TAP	Z_o	Y_o
309	439	-38
310	405	-38
311	302	-38
312	439	-78
313	410	-78
314	302	-78
315	414	-103
316	376	-103

TAP	Z_o	Y_o
317	340	-103
318	302	-103
319	514	-55
320	492	-88
321	522	-103
322	470	-96
323	439	-107
324	465	-130

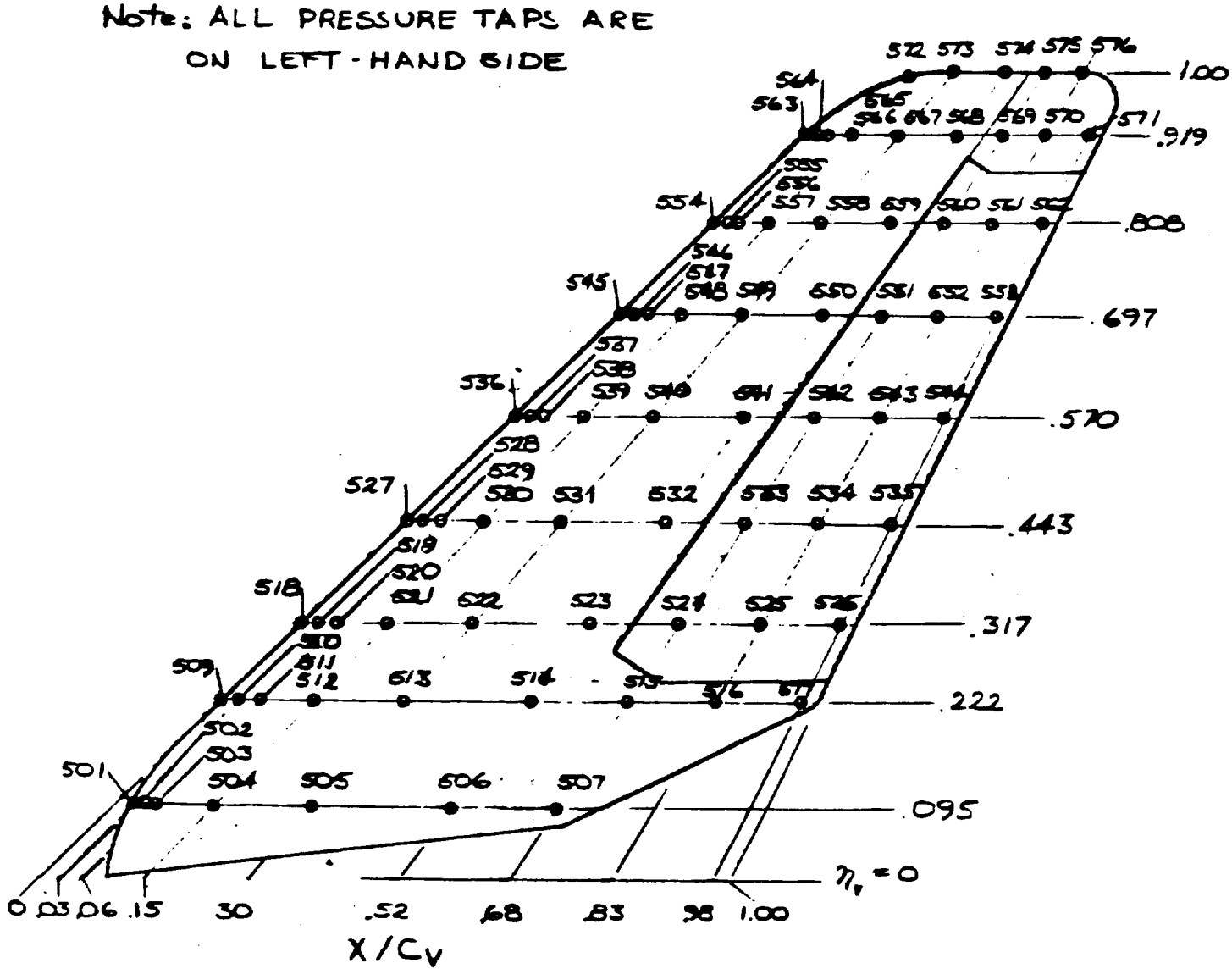
a. Orbiter Base

Figure 4. Orbiter Pressure Tap Locations

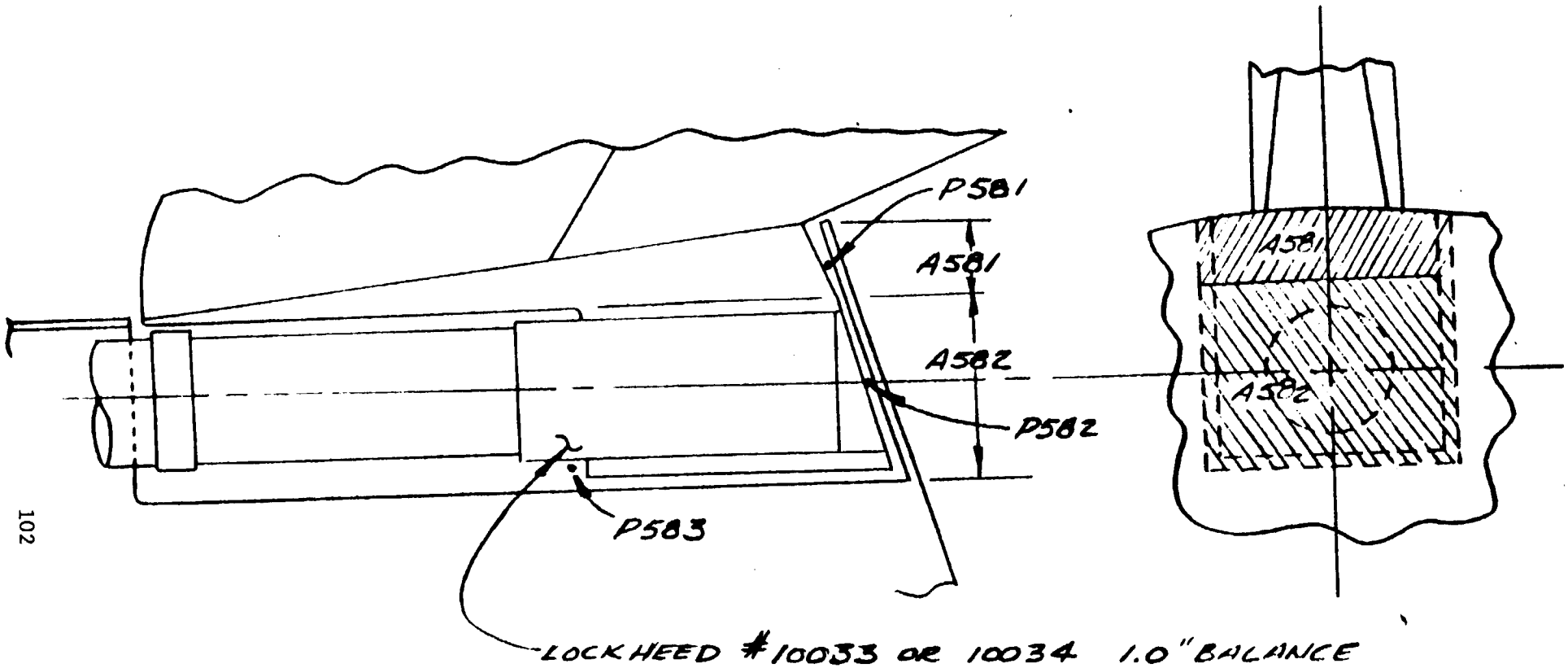
η	X/C_{BF} (Bottom)				X/C_{BF} (Top)			
	-.10	.20	.60	.95	-.10	.20	.60	.95
.10	401	402	403	404	405	406	407	408
.50	409	410	411	412	413	414	415	416
.65	417	418	419	420	421	422	423	424
.80	425	426	427	428	429	430	431	432
.90	433	434	435	436	437	438	439	440



b. Body Flap
Figure 4. (Continued)



c. Vertical Tail
Figure 4. (Continued)



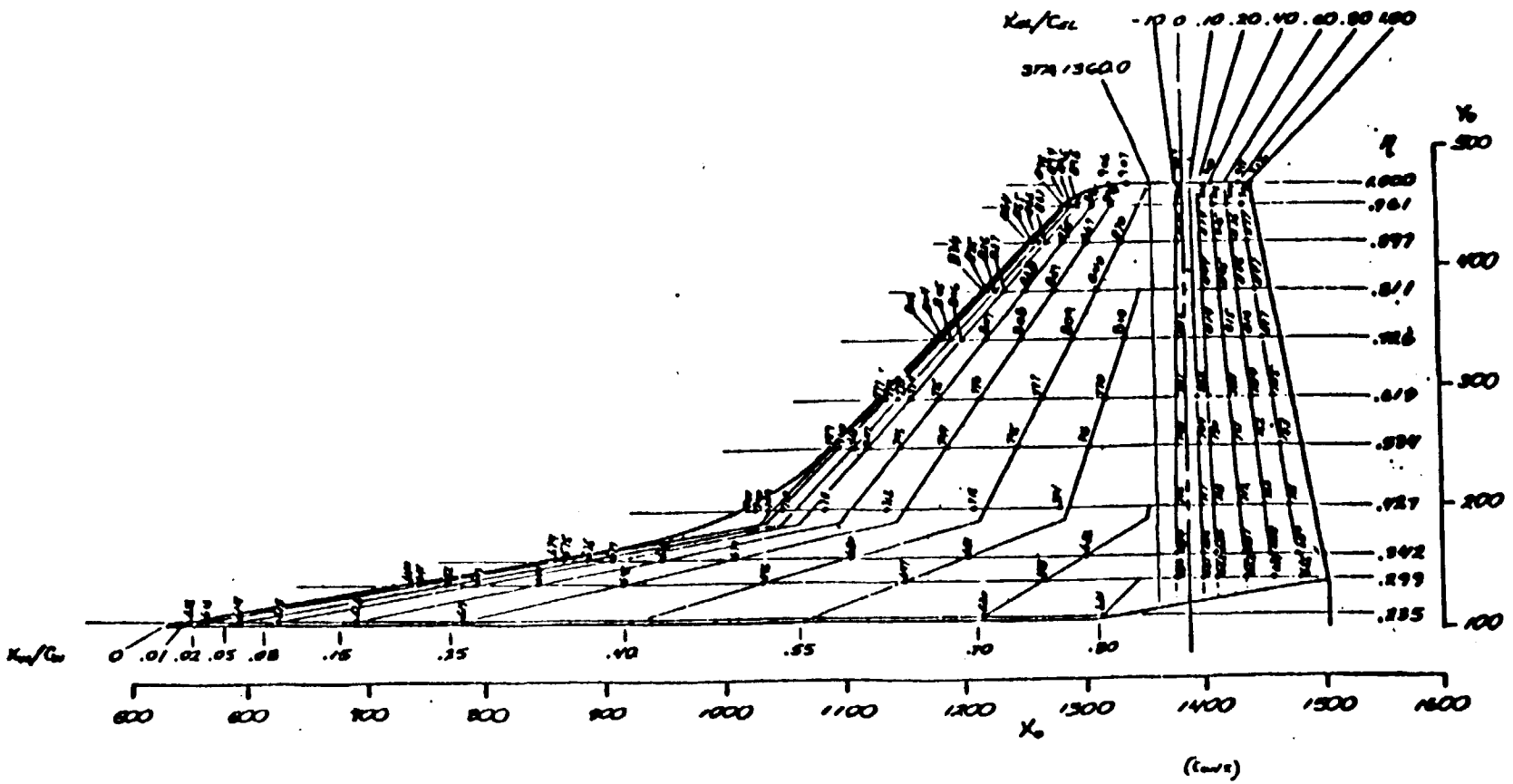
d. Vertical Tail Balance Cavity
Figure 4. (Concluded)

TABLE VI. ORBITER FUSELAGE SURFACE PRESSURE TAP LOCATIONS

	ORBITER FUSELAGE PRESSURE TAP RADIAL LOCATION ~ ϕ ~ DEGREES																							
X_o/L_o	0	20	40	55	67.5	70	82	90	105	110	120	135	140	150	151	156	162	165	169	174	180	-55	-40	-20
0	1																							
.0078	2							3																
.0233	5	6	7	8		9		10			11			12							4			
.0465	17	18	19	20		21		22			23			24							13	14	15	16
.0697	29	30	31	32		33		34			35			36							25	26	27	28
.1124	41	42	43	44		45		46			47			48							37	38	39	40
.1163								53													49	50	51	52
.1271								54																
.1589																								
.1666	56	57	58	59		60		61			62									55				
.1783																63			64		65	66	67	68
.2054	71	72	73	74		75		76			77		78	79	69		70							
.2364	85		86			87		88			89			90				80			81	82	83	84
.2558	94		95			96		97			98			99				91			92		93	
.2751	103		104			105		106			107			108				100			101		102	
.3023	112		113			114		115			116			117				109			110		111	
.3526	121		122			123		124			125			126				118			119		120	
.4100							130											127			128		129	
.4223	131		132			133		134			135			136				137			138		139	
.5192							140																	
.5348	141		142			143		144			145			146				147			148		149	
.5441					150																			
.5882							151																	
.6471	152		153			154		155			156			157				158			159		160	
.6929							161																	
.7595	162		163			164		165	166		167	168		169				170			171		172	
.8254	173		174			175		176	177		178	179		180							181		182	
.8835	183		184			185		186	187		188	189		190				191					192	
.8951						193																		
.9261	194		195			196		197	198		199	200		201				202					203	
.9649	204		205			206		207	208		209	210		211				212					213	
1.0036										214	215													
1.0036										216	217													

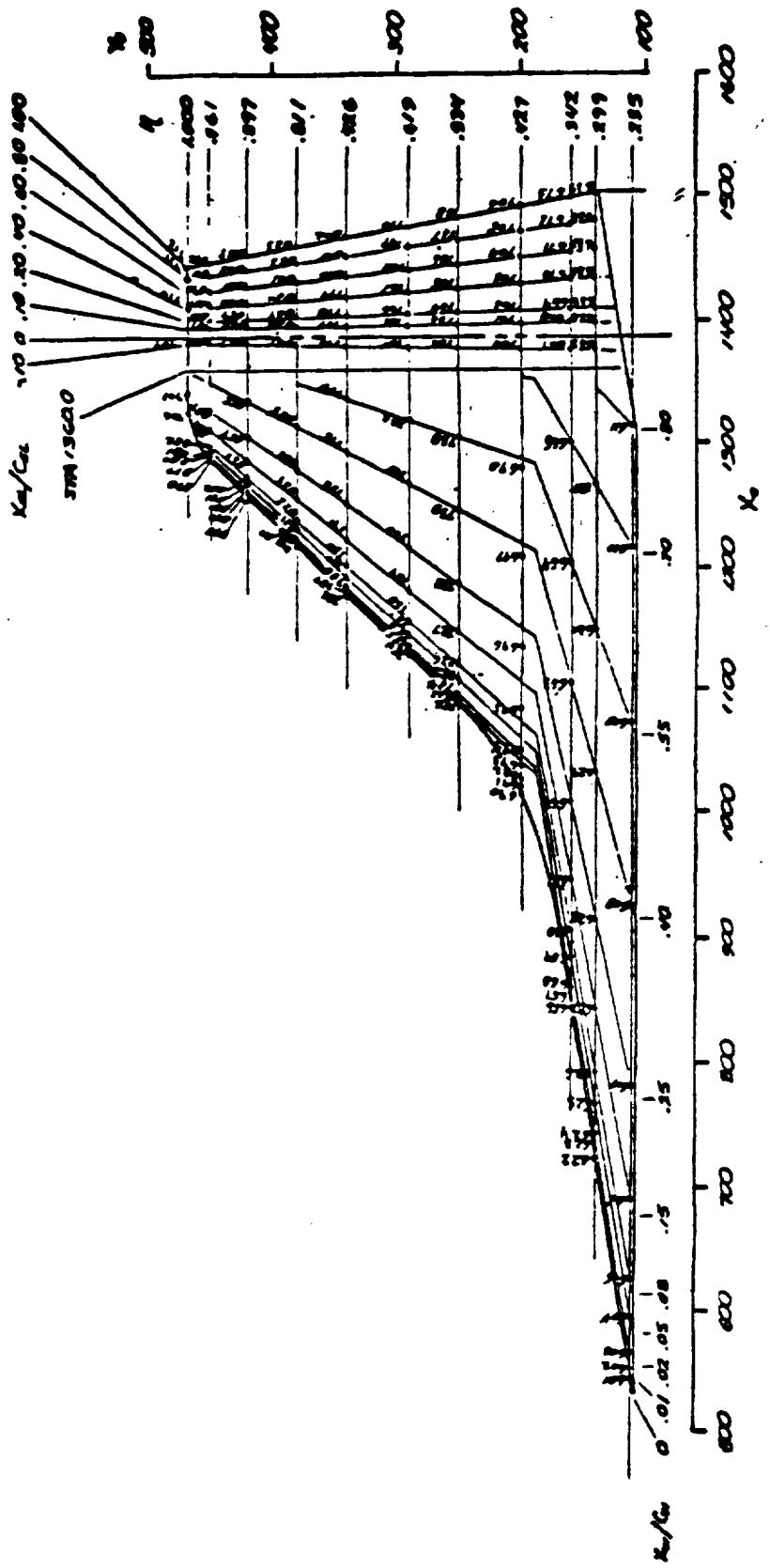
TABLE VII. WING PRESSURE TAP NUMBERS/LOCATIONS

η 2Y/B	Y_o																		
.235		X/C$_w$	0.00	0.01	0.02	0.05	0.08	0.15	0.25	0.40	0.55	0.70	0.80						
		TOP	601	602	603	604	605	606	607	608	609	610	611						
		BOTT		612	613	614	615	616	617	618	619	620	621						
.299	1.40	X/C$_w$	0.00	0.01	0.02	0.05	0.08	0.15	0.25	0.40	0.55	0.70	.816	0.836	0.866	0.881	0.911	0.941	0.971	1.00
		TOP	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639
		BOTT		640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	
.342	1.60	X/C$_w$	0.00	0.01	0.02	0.05	0.08	0.15	0.25	0.40	0.55	0.70	.784	0.809	0.843	0.861	0.895	0.930	0.964	1.00
		TOP	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673
		BOTT		674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	
.427	2.00	X/C$_w$	0.00	0.01	0.02	0.05	0.08	0.15	0.25	0.40	0.55	.723	0.758	0.802	0.824	0.868	0.912	0.956	1.00	
		TOP	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	
		BOTT		707	708	709	710	711	712	713	714	715	716	717	718	719	720	721		
.534	2.50	X/C$_w$	0.00	0.01	0.02	0.05	0.08	0.15	0.25	0.40	0.55	.694	0.738	0.786	0.810	0.858	0.906	0.954	1.00	
		TOP	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	
		BOTT		739	740	741	742	743	744	745	746	747	748	749	750	751	752	753		
.619	2.90	X/C$_w$	0.00	0.01	0.02	0.05	0.08	0.15	0.25	0.40	0.55	.673	0.725	0.776	0.801	0.852	0.902	0.953	1.00	
		TOP	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	
		BOTT		771	772	773	774	775	776	777	778	779	780	781	782	783	784	785		
.726	3.40	X/C$_w$	0.00	0.01	0.02	0.05	0.08	0.15	0.25	0.40	0.55	.638	0.704	0.758	0.786	0.841	0.896	0.950	1.00	
		TOP	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	
		BOTT		803	804	805	806	807	808	809	810	811	812	813	814	815	816	817		
.811	3.80	X/C$_w$	0.00	0.01	0.02	0.05	0.08	0.15	0.25	0.40	.597	0.679	0.739	0.769	0.829	0.888	0.948	1.00		
		TOP	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833		
		BOTT		834	835	836	837	838	839	840	841	842	843	844	845	846	847			
.897	4.20	X/C$_w$	0.00	0.01	0.02	0.05	0.08	0.15	0.25	0.40	.536	0.642	0.709	0.742	0.809	0.876	0.942	1.00		
		TOP	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863		
		BOTT		864	865	866	867	868	869	870	871	872	873	874	875	876	877			
.961	4.50	X/C$_w$	0.00	0.01	0.02	0.05	0.08	0.15	0.25	.411	0.558	0.641	0.682	0.765	0.848	0.932	1.00			
		TOP	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892			
		BOTT		893	894	895	896	897	898	899	900	901	902	903	904	905				
1.00	TIP	X/C$_w$						0.15	0.25	.423	0.579	0.779	0.939	1.00						
		TOP						906	907	908	909	910	911	912						
		BOTT																		



a. Lower Surface

Figure 5. Wing Pressure Tap Locations



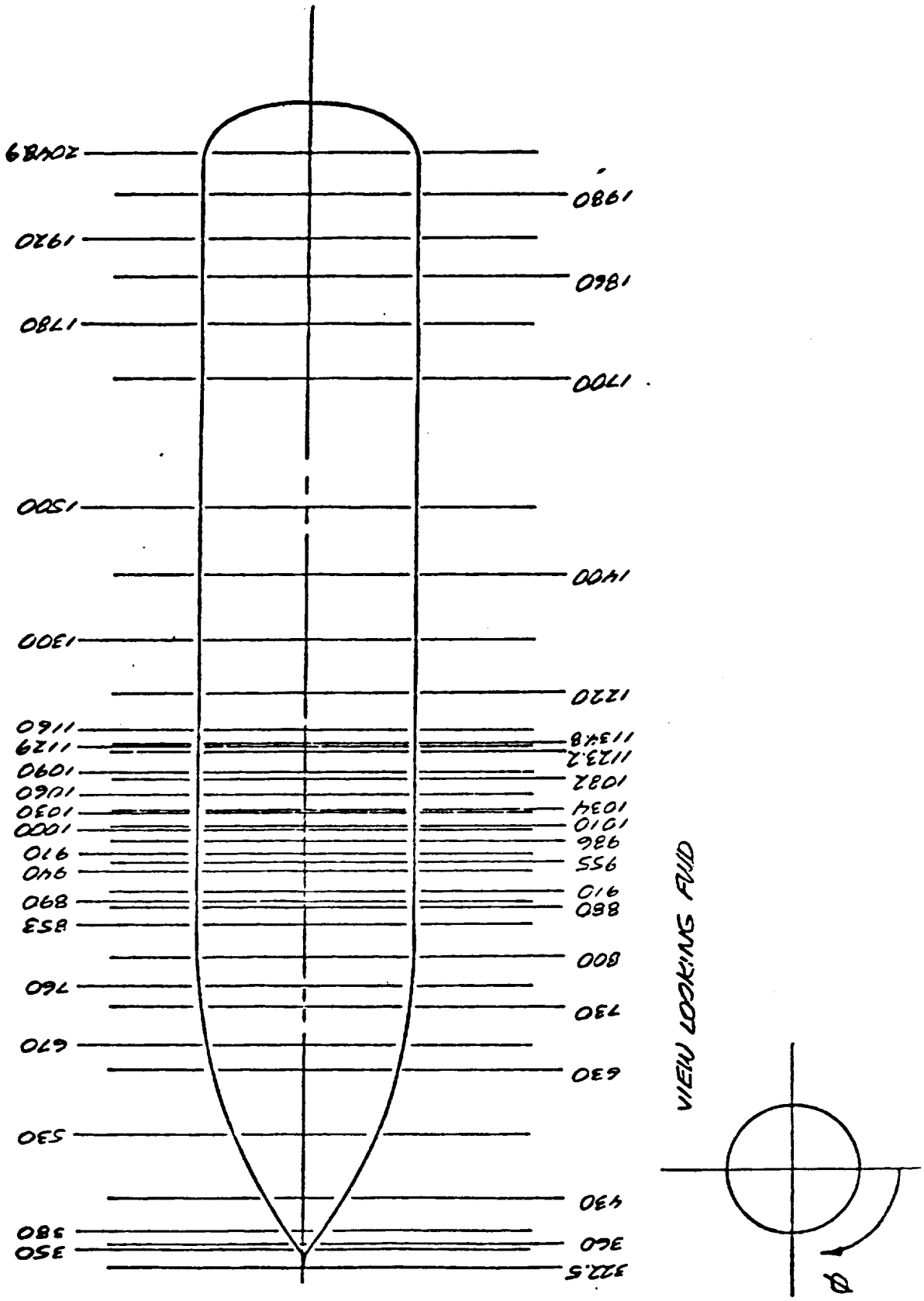
b. Upper Surface
Figure 5. (Concluded)

TABLE VIII. EXTERNAL TANK SURFACE PRESSURE TAP LOCATIONS

X_T	ET PRESSURE TAP LOCATION ~ ϕ ~ DEG												
	0	2.5	30	60	85	87	90	93	95	112.5	135	157.5	165
322.5	1001												
350.	1002			1003			1004				1005		
360	1010			1011			1012				1013		
380	1018		1019	1020			1021			1022	1023	1024	
430	1032		1033	1034			1035			1036	1037	1038	
530	1046		1047	1048			1049			1050	1051	1052	
630	1060		1061	1062			1063			1064	1065	1066	
670	1074		1075	1076			1077			1078	1079	1080	
730	1088		1089	1090			1091			1092	1093	1094	
760	1102		1103	1104			1105			1106	1107	1108	
800	1116		1117	1118			1119			1120	1121	1122	
847	1130		1131	1132			1133			1134	1135	1136	
880	1144			1145			1146			1147	1148	1149	
890		1155											
910	1157			1158			1159			1160	1161	1162	
940	1168		1169	1170			1171			1172	1173	1174	
955					1182	1183	1184	1185	1186				
970	1192			1193	1194				1195	1196	1197	1198	
986					1207				1208				
1000	1214			1215	1216				1217	1218	1219	1220	
1010													
1030	1228		1229	1230			1231			1232	1233	1234	
1034													
1060	1244			1245			1246			1247	1248	1249	
1082													
1090	1258			1259			1260			1261	1262	1263	
1123.2	1269		1270	1271			1272			1273	1274		1275
1129												1281	
1134.8													1284
1160	1285			1286			1287			1288	1289	1290	
1220	1296		1297	1298			1299			1300	1301	1302	
1300	1309		1310	1311			1312			1313	1314	1315	
1400	1322		1323	1324			1325			1326	1327	1328	
1500	1335		1336	1337			1338			1339	1340	1341	
1700	1348		1349	1350			1351			1352	1353	1354	
1780	1361		1362	1363			1364			1365	1366	1367	
1860	1374		1375	1376			1377			1378	1379	1380	
1920	1387		1388	1389			1390			1391	1392	1393	
1980	1400		1401	1402			1403			1404	1405	1406	
2045	1413		1414	1415			1416			1417	1418	1419	

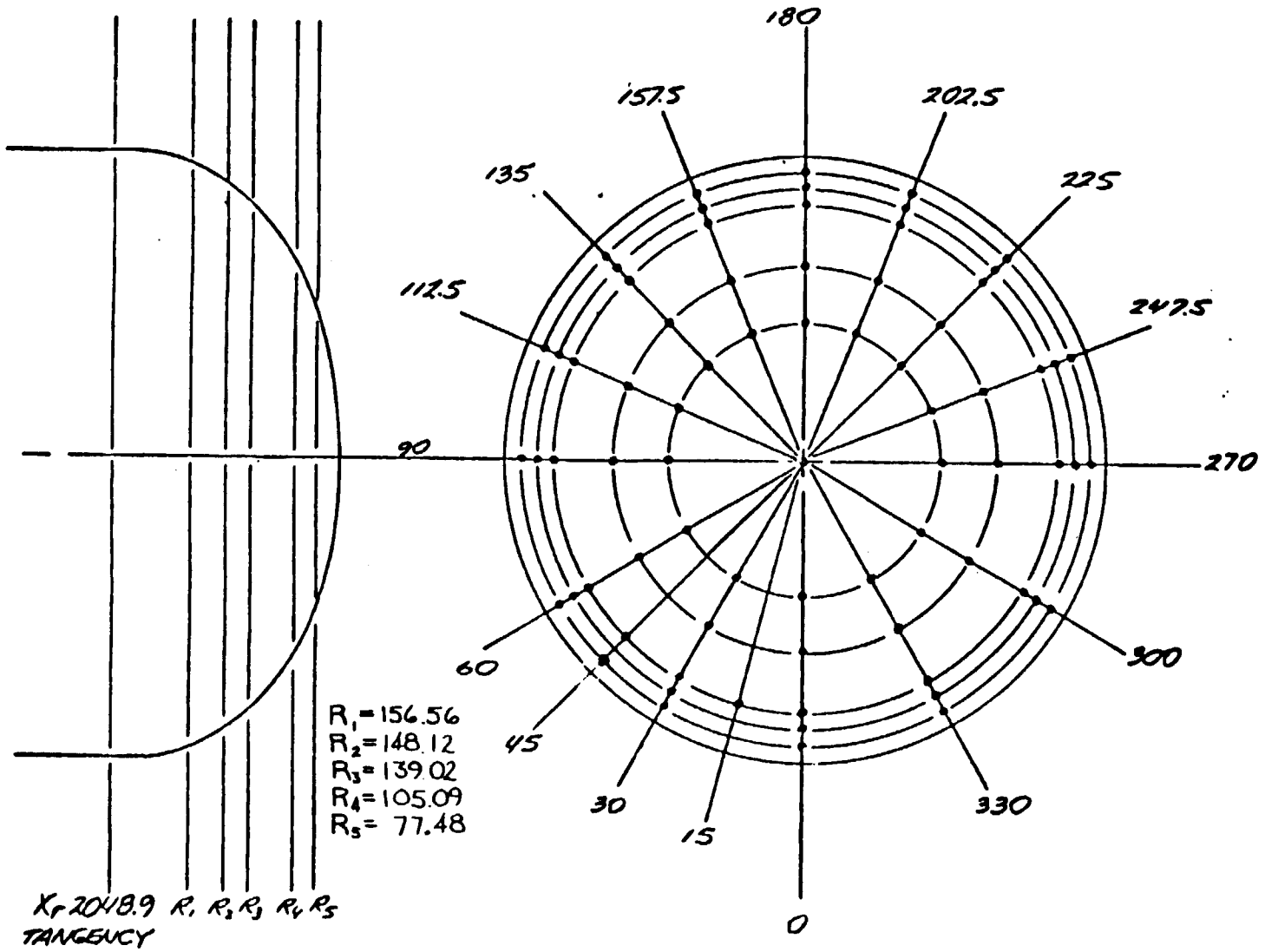
TABLE VIII. EXTERNAL TANK SURFACE PRESSURE TAP LOCATIONS (Concluded)

X_T	ET PRESSURE TAP LOCATION ~ ϕ ~ DEG												
	172.5	180	182.5	195	202.5	210	214	220	225	247.5	270	300	330
322.5		1001											
350.		1006							1007		1008	1009	
360		1014							1015		1016	1017	
380		1025			1026				1027	1028	1029	1030	1031
430		1039			1040				1041	1042	1043	1044	1045
530		1053			1054				1055	1056	1057	1058	1059
630		1067			1068				1069	1070	1071	1072	1073
670		1081			1082				1083	1084	1085	1086	1087
730		1095			1096				1097	1098	1099	1100	1101
760		1109			1110				1111	1112	1113	1114	1115
800		1123			1124				1125	1126	1127	1128	1129
847		1137			1138				1139	1140	1141	1142	1143
880		1150			1151				1152	1153	1154		
890			1156										
910		1163			1164				1165	1166	1167		
940		1175			1176				1177	1178	1179	1180	1181
955				1187	1188	1189	1190	1191					
970		1199		1200	1201	1202	1203	1204	1205	1206			
986				1209	1210	—	1212	1213					
1000		1221							1222	1223		1224	
1010				1225		1226		1227					
1030		123							1236	1237	1238	1239	1240
1034				1241		1242		1243					
1060		1250							1251	1252	1253	1254	
1082		1255		1256		1257							
1090		1264							1265	1266	1267	1268	
1123.2									1276	1277	1278	1279	1280
1129	1282	1283											
1134.8													
1160		1291							1292	1293	1294	1295	
1220		1303							1304	1305	1306	1307	1308
1300		1316							1317	1318	1319	1320	1321
1400		1329							1330	1331	1332	1333	1334
1500		1342							1343	1344	1345	1346	1347
1700		1355							1356	1357	1358	1359	1360
1780		1368							1369	1370	1371	1372	1373
1860		1381							1382	1383	1384	1385	1386
1920		1394							1395	1396	1397	1398	1399
1980		1407							1408	1409	1410	1411	1412
2045		1420							1421	1422	1423	1424	1425



a. ET Station Numbers

Figure 6. External Tank Pressure Tap Locations

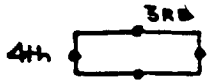


b. External Tank Base
Figure 6. (Concluded)

TABLE IX. EXTERNAL TANK BASE PRESSURE TAP LOCATIONS

RADIUS FULL SC.	ET BASE PRESSURE TAP LOCATIONS ~ ϕ ~ DEGREES															
	0	15	30	45	60	90	112.5	135	157.5	180	202.5	225	247.5	270	300	330
156.56	1502		1503	1501	1504	1505	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515
148.12	1516		1517		1518	1519	1520	1521	1522	1523	1524	1525	1526	1527	1528	1529
139.02	1530	1531	1532	1533	1534	1535	1536	1537	1538	1539	1540	1541	1542	1543	1544	1545
105.09	1546		1547		1548	1549	1550	1551	1552	1553	1554	1555	1556	1557	1558	1559
77.48	1560		1561		1562	1563	1564	1565	1566	1567	1568	1569	1570	1571	1572	1573
0	1574															

• LO_2 TANK CABLE TRAY (44 TAPS)

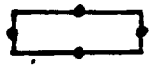


TAPS # 1601 → 1644

4 TAPS AS SHOWN FOR THE FOLLOWING STATIONS:

458	573	697	811
495	614	739	845
534	655	777	

• LH_2 TANK CABLE TRAY (52 TAPS)



TAPS # 1645 → 1696

4 TAPS AS SHOWN FOR THE FOLLOWING STATIONS:

1238	1496	1754	2008
1302	1561	1820	
1367	1625	1884	
1431	1690	1948	

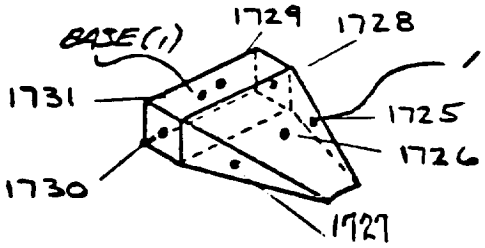
• GO_2 PRESSURE LINE (28 TAPS)

TAPS # 1697 → 1724

1 TAP AS SHOWN FOR THE FOLLOWING STATIONS:

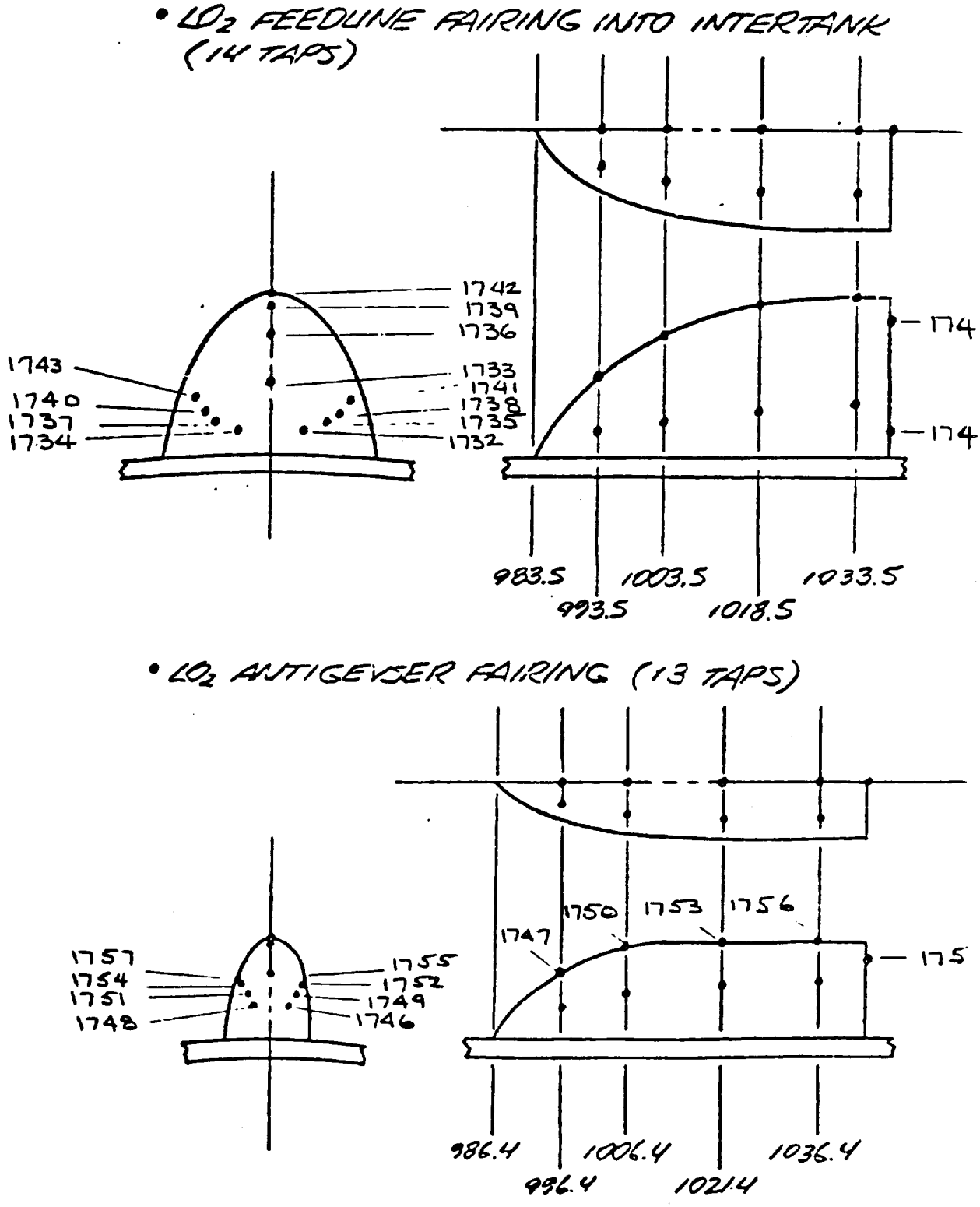
461	736	1180	1625
495	777	1238	1690
534	818	1302	1754
573	840	1367	1820
602	880	1431	1884
655	980	1496	1948
697	1080	1561	2008

• GO_2 PRESSURE LINE & CABLE TRAY FAIRING ON THE NOSE CAP (7 TAPS)

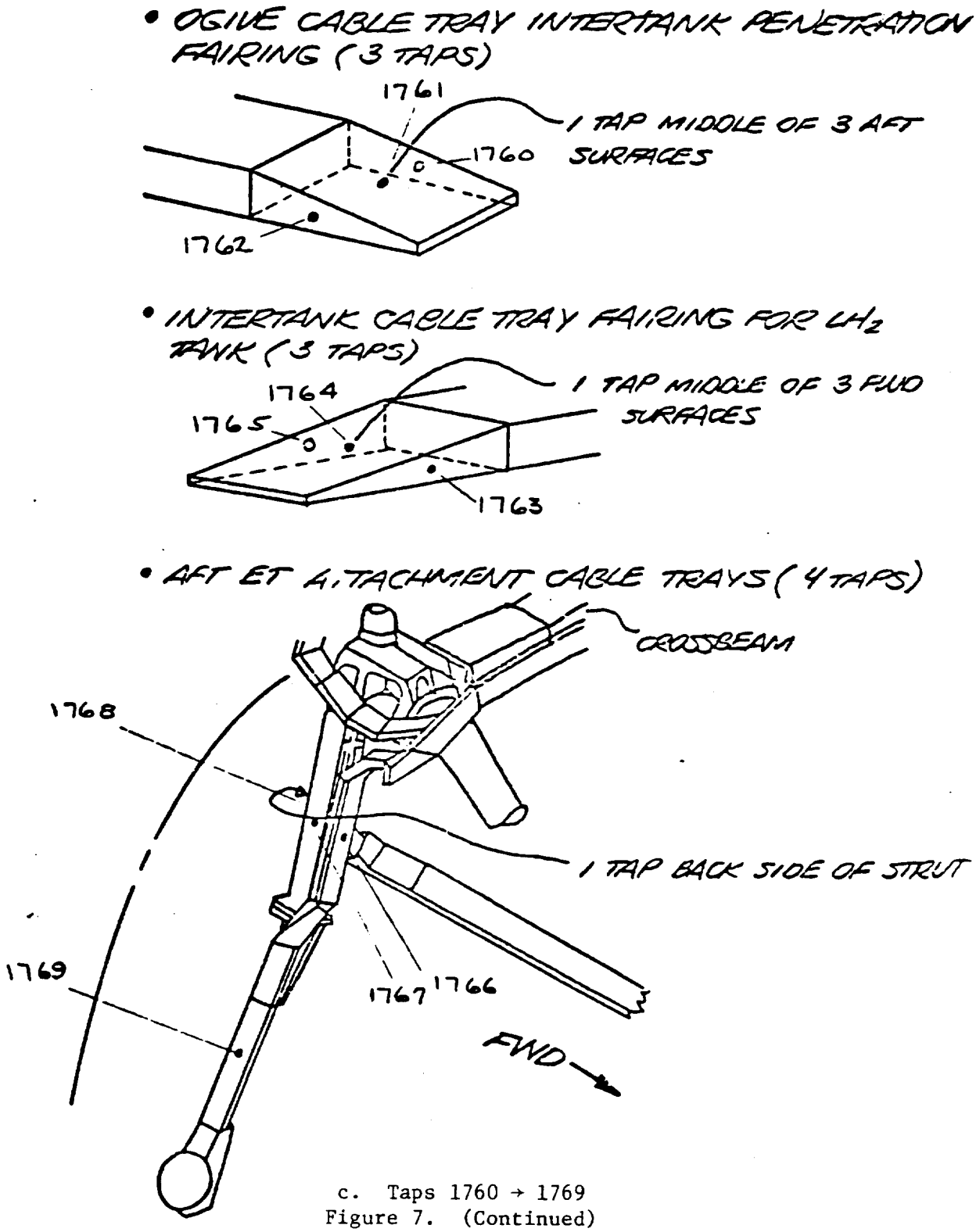


a. Taps 1601 → 1724

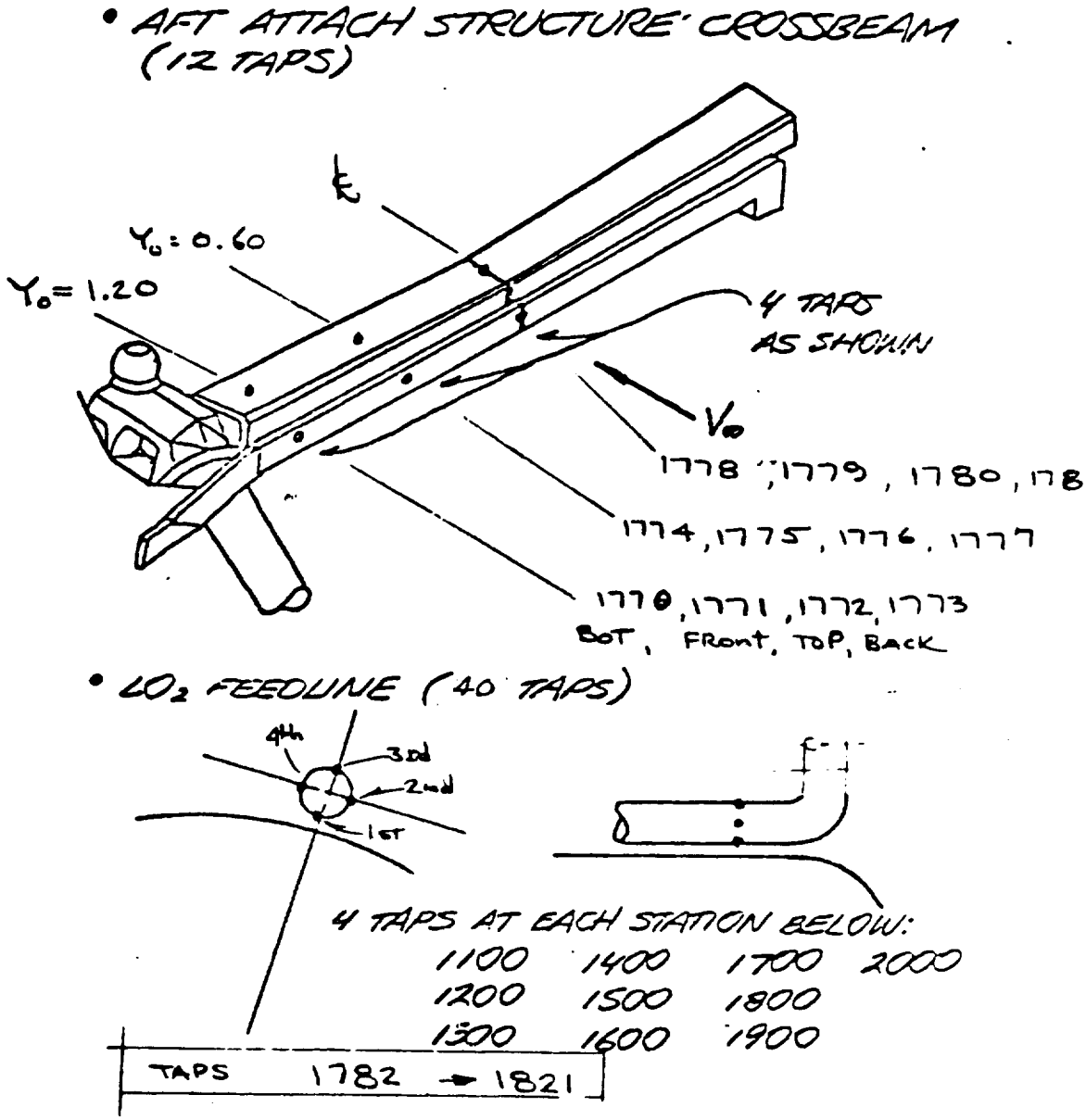
Figure 7. External Tank Protuberance Pressure Tap Locations



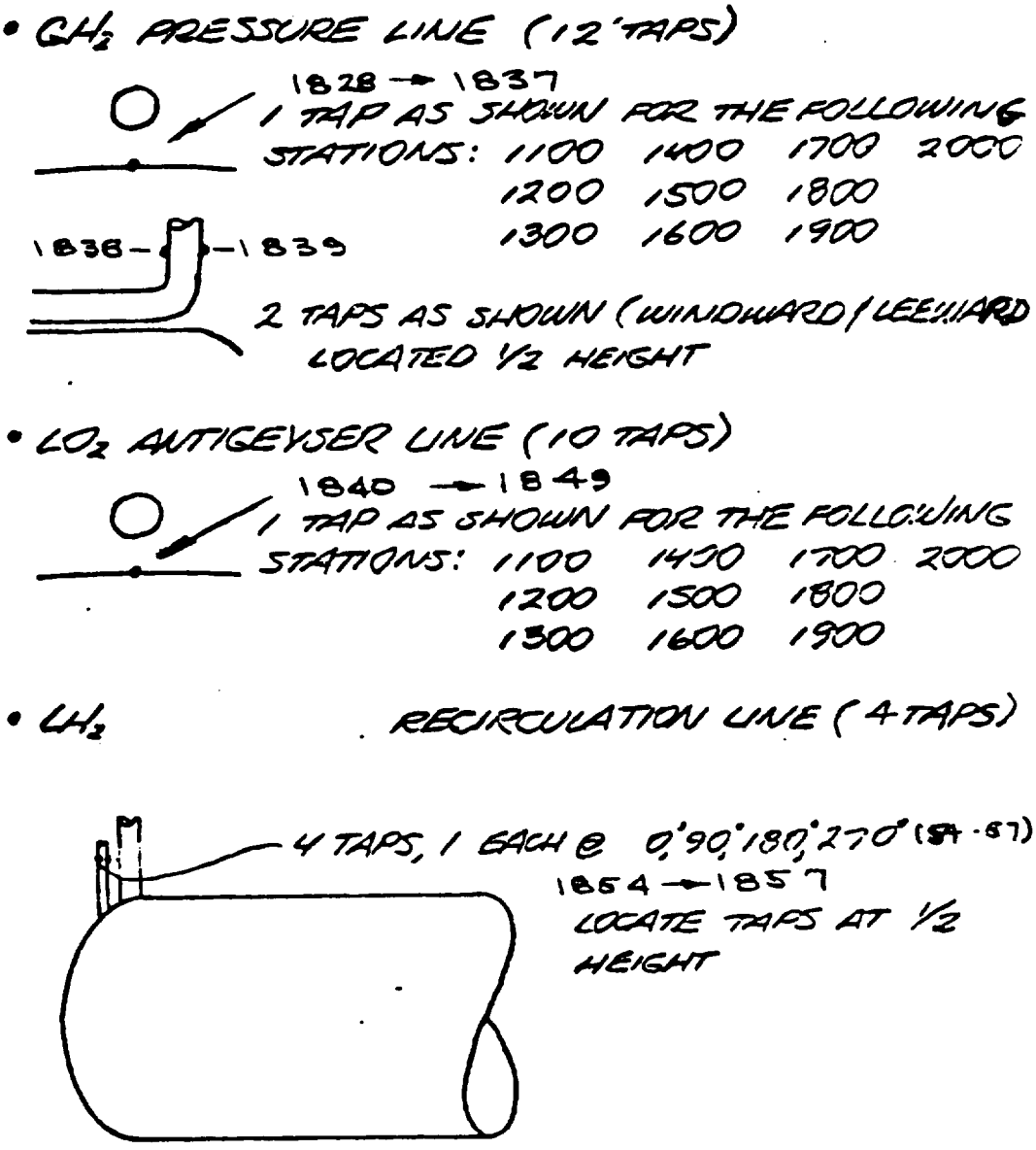
b. Taps 1732 → 1759
Figure 7. (Continued)



c. Taps 1760 → 1769
Figure 7. (Continued)



d. Taps 1770 → 1827
Figure 7. (Continued)



e. Taps 1828 → 1857
Figure 7. (Continued)

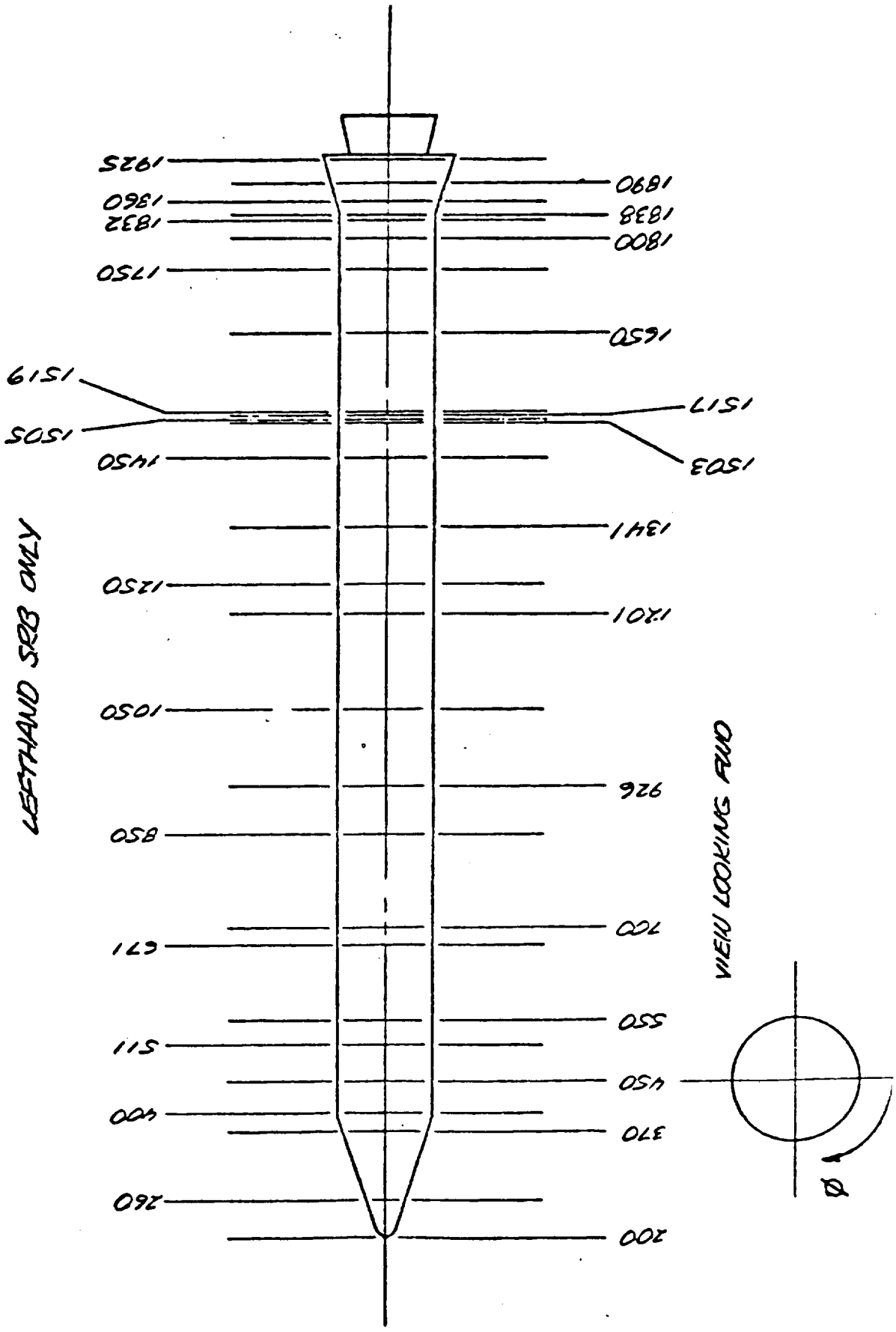
DESCRIPTION	# TAPS	FROM	TO
LO_2 TANK CABLE TRAY	44	1601	1699
LH_2 TANK CABLE TRAY	52	1695	1696
GO_2 PRESSURE LINE	28	1697	1724
GO_2 PRESSURE LINE & CABLE TRAY NOSE FAIRING	7	1725	1731
LO_2 FEEDLINE FAIRING	14	1732	1745
LO_2 ANTIGYSER FAIRING	13	1746	1759
OGIVE CABLE TRAY FAIRING	3	1760	1762
INTERTANK CABLE TRAY FAIRING	3	1763	1765
AFT ET ATTACH CABLE TRAY	4	1766	1769
AFT ET ATTACH CROSSBEAM	12	1770	1781
LO_2 FEEDLINE	40	1782	1821
GH_2 PRESSURE LINE FAIRING	2	1826	1827
GH_2 PRESSURE LINE	12	1828	1839
LO_2 ANTIGYSER LINE	10	1840	1849
LH_2 FEED & RECIRCULATION LINE	4	1854	1857

$\Sigma = 248$

f. External Tank Protuberance Pressures Summary
Figure 7. (Concluded)

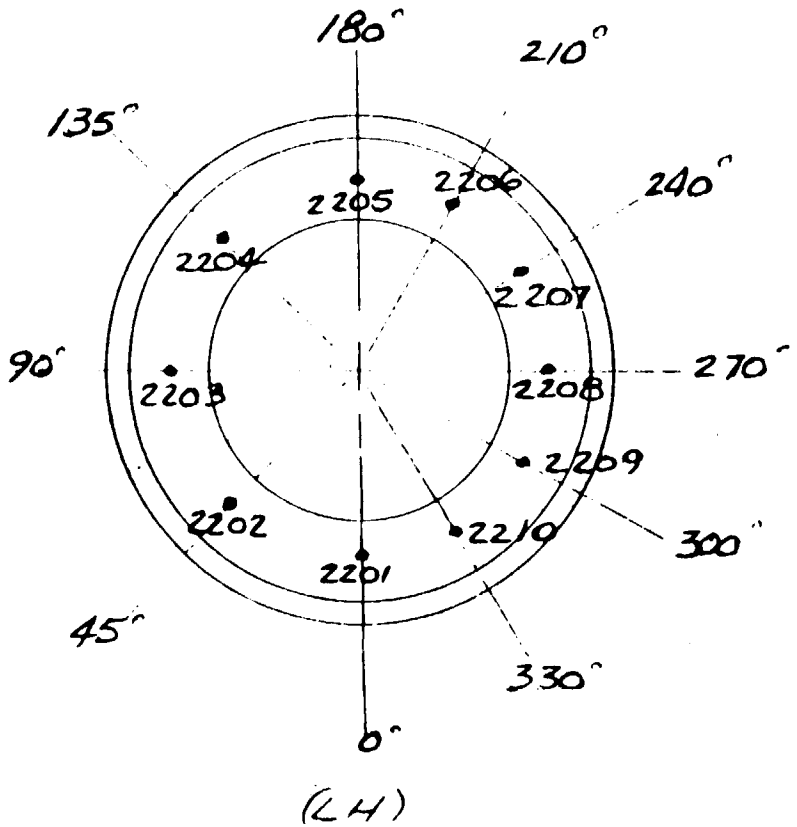
TABLE X. SOLID ROCKET BOOSTER SURFACE PRESSURE TAP LOCATIONS

STA \ φ	0	45	86	90	94	135	180	225	247.5	270	292.5	315
200	2001	—	—	—	—	—	2001	—	—	—	—	—
260	2002	2003	—	2004	—	2005	2006	2007	—	2008	—	2009
370	2010	2011	—	2012	—	2013	2014	2015	—	2016	—	2017
400	2018	2019	—	2020	—	2021	2022	2023	—	2024	—	2025
450	2026	2027	—	—	—	2028	2029	2030	—		—	2032
511	—	—	2033	—	2034	—	—	—	—	—	—	—
550	2035	2036	—	—	—	2037	2038	2039	—	2040	—	2041
671	—	—	2042	—	2043	—	—	—	—	—	—	—
700	2044	2045	—	—	—	2046	2047	2048	—	2049	—	2050
850	2051	2052	—	—	—	2053	2054	2055	—	2056	—	2057
926	—	—	2058	—	2059	—	—	—	—	—	—	—
1050	2060	2061	2062	—	2063	2064	2065	2066	—	2067	—	2068
1201	—	—	2069	—	2070	—	—	—	—	—	—	—
1250	2071	2072	—	—	—	2073	2074	2075	—	2076	—	2077
1341	—	—	2078	—	2079	—	—	—	—	—	—	—
1450	2080	2081	—	—	—	2082	2083	2084	—	2085	—	2086
1503	2087	2088	2089	—	2090	2091	2092	2093	—	2094	—	2095
1505	2096	2097	—	—	—	2098	2099		—	2101	—	
1517	2103	2104	—	—	—	2105	2106		—	2108	—	
1519	—	—	—	—	2110	—	—	—	—	—	—	—
1650	2111	2112	2113	—	2114	2115	2116	2117	—	2118	—	2119
1750	2120	2121	—	—	—	2122	2123	2124	—	2125	—	2126
1800	2127	2128	2129	—	2130	2131	2132	2133	—	2134	—	2135
1832	2136	2137	—	—	—	2138	2139	2140	—	2141	—	2142
1838	2143	2144	—	—	—	2145	2146	2147	—	2148	—	2149
1860	2150	2151	—	2152	—	2153	2154	2155	2156	2157	2158	2159
1890	2160	2161	—	2162	—	2163	2164	2165	2166	2167	2168	2169
1925	2170	2171	—	2172	—	2173	2174	2175	2176	2177	2178	2179



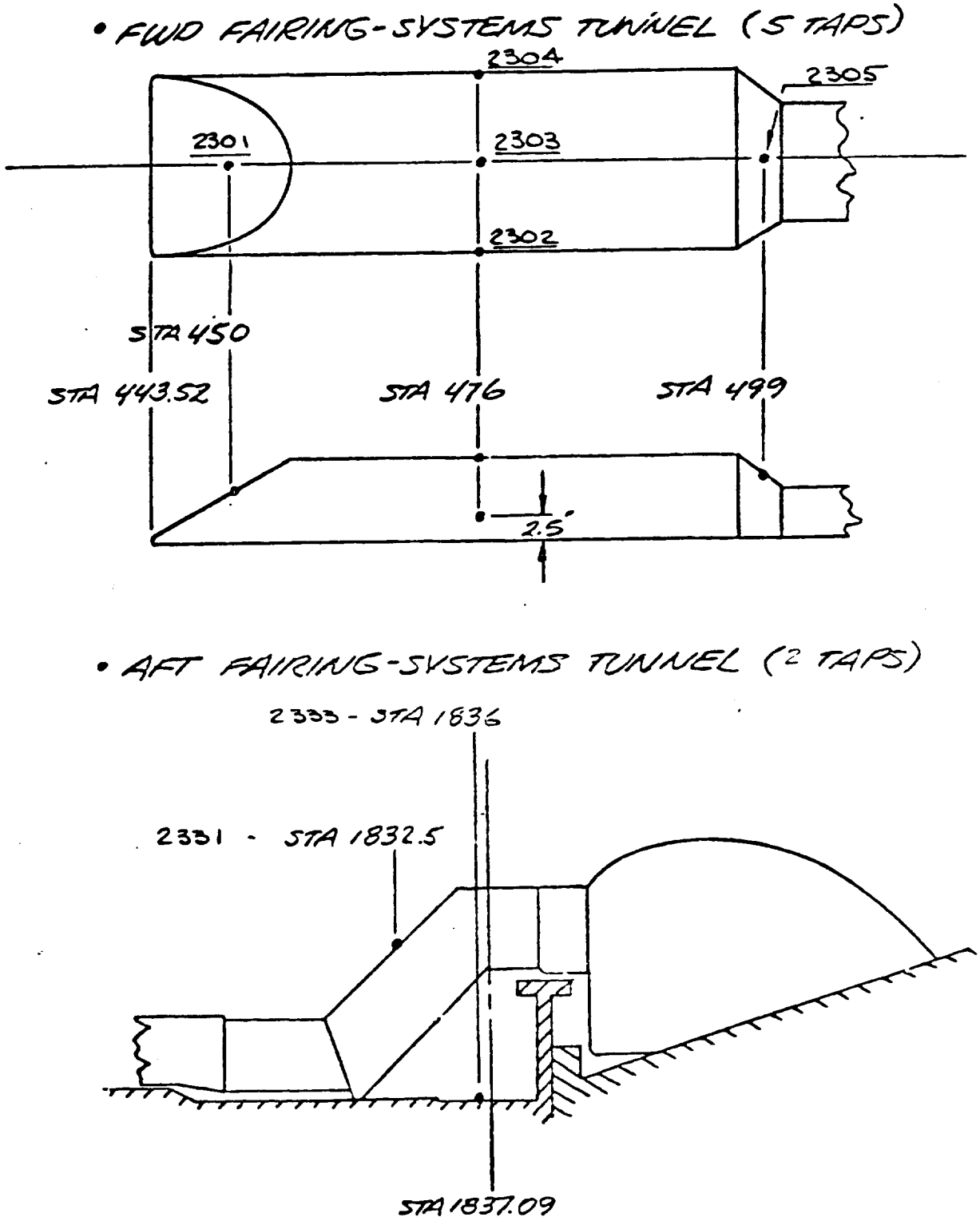
a. SRB Station Numbers

Figure 8. Solid Rocket Booster Pressure Tap Locations



NOTE:
PRESSURE TAPS ARE ½ WAY BETWEEN NOZZLE AND SKIRT.

b. SRB Base
Figure 8. (Concluded)



a. Systems Tunnel Ends

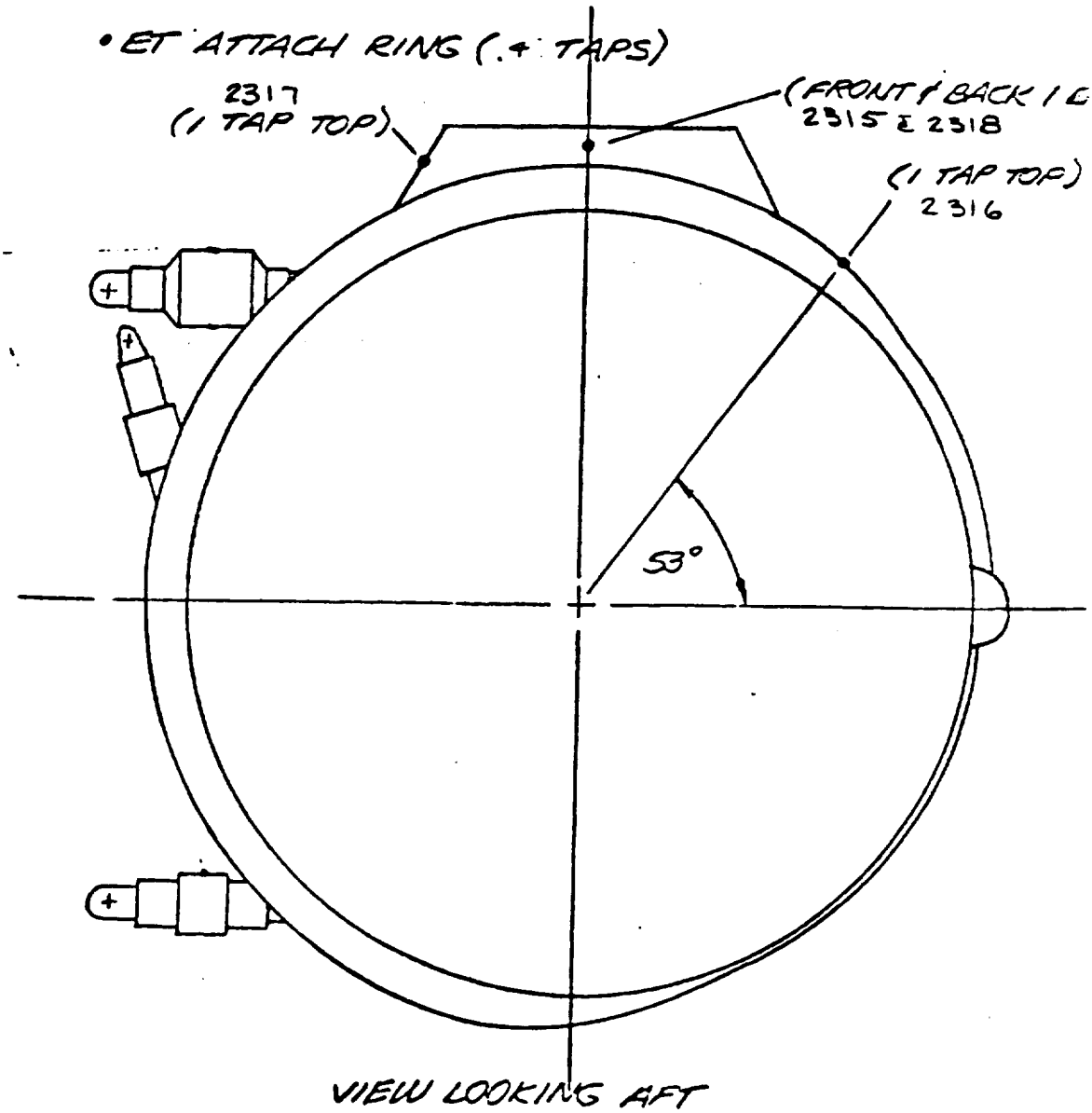
Figure 9. SRB Protuberance Pressure Tap Locations

• CENTER SECTION-SYSTEMS TUNNEL (13 TAPS)

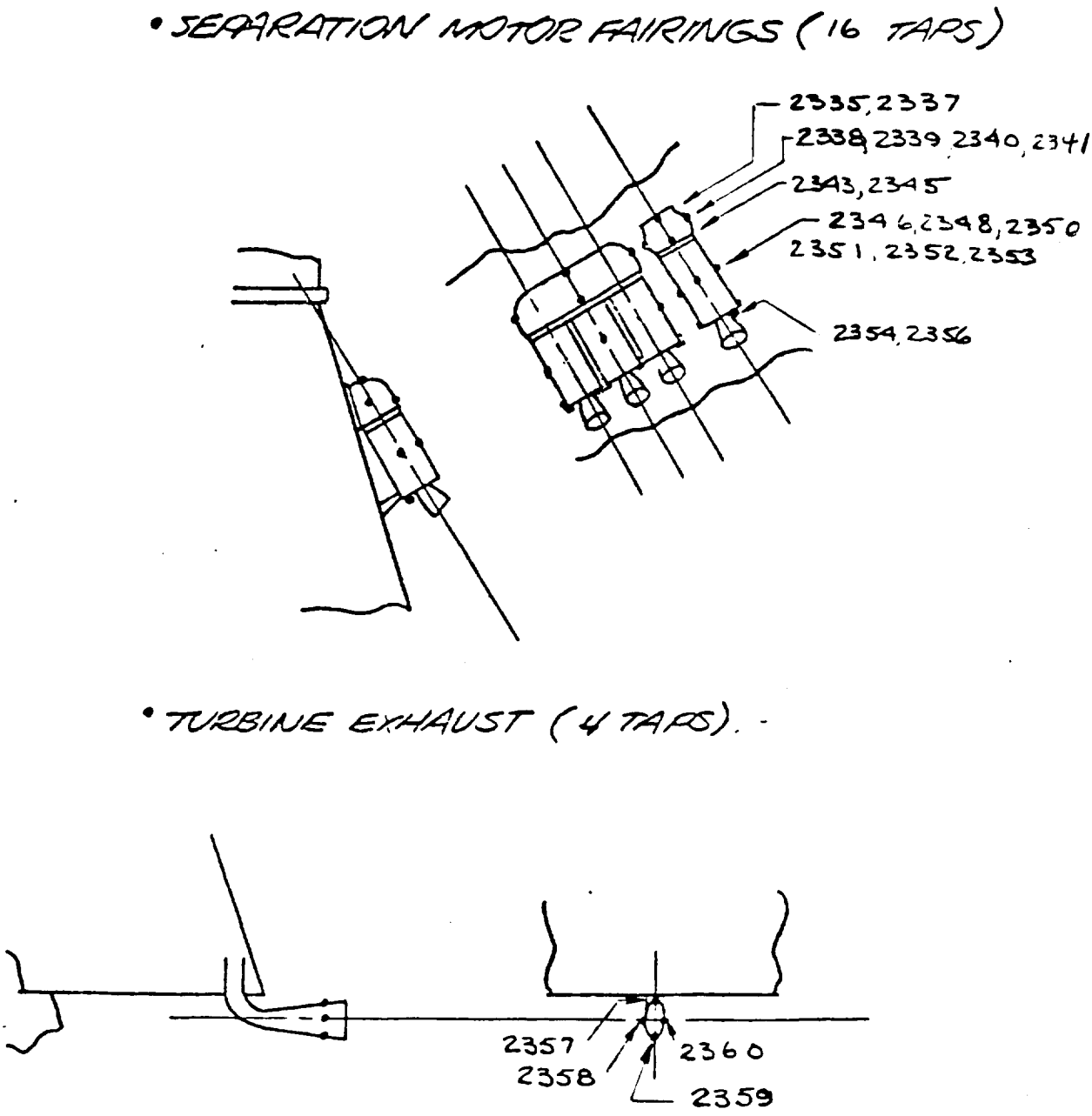
• 1 TAP LOCATED TOP CENTERLINE OF FAIRING AT THE FOLLOWING SRB STATIONS:

No	Y_B	TAP No	Y_B	TAP No	Y_B	TAP No	Y_B	TAP No	Y_B
2306	511	2309	811	2312	1201	2327	1591	2330	1800
2307	561	2310	926	2313	1341	2328	1650		
2308	671	2311	1051	2314	1503	2329	1726		

• ET ATTACH RING (4 TAPS)



b. Systems Tunnel and Attach Ring
Figure 9. (Continued)

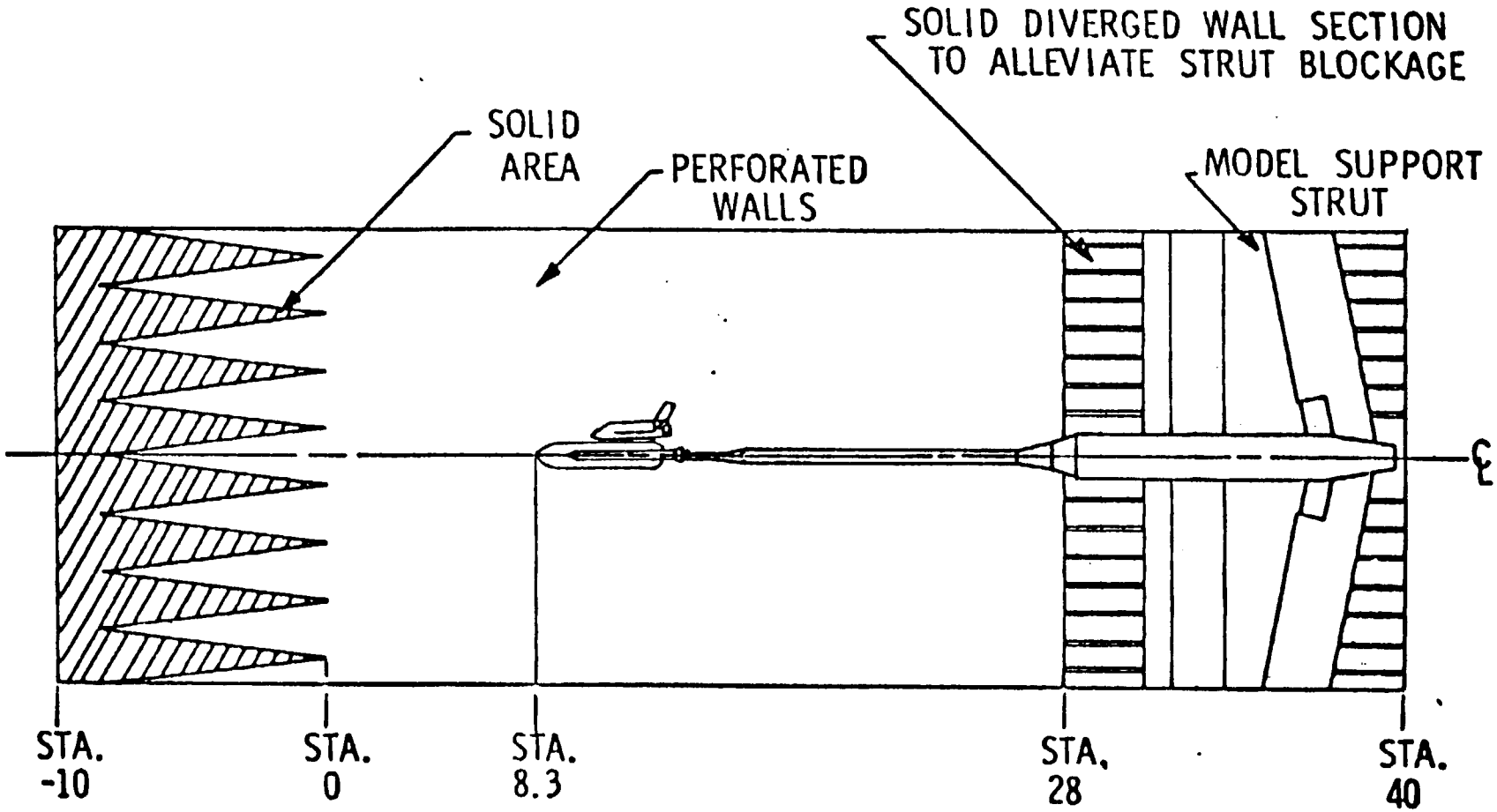


c. Separation Motors and Turbine Exhaust
Figure 9. (Continued)

DESCRIPTION	TAPS	FROM #	TO #
FWD FAIRING - SYSTEMS TUNNEL	5	2301	2305
CENTER SECTION - UP TO REAR ATTACH RING - OF SYSTEMS TUNNEL	9	2306	2314
AFT ATTACH RING	4	2315	2318
CENTER SECTION - AFT OF ATTACH RING - OF SYSTEMS TUNNEL	4	2327	2330
AFT FAIRING - SYSTEMS TUNNEL (TAP 2332 DELETED)	2	2331	2332
REAR SEPARATION THRUSTORS - (TAP 2334, 2336, 2342, 2344, 2347, 2349 2355 DELETED)	16	2335	2356
APU - TURBINE EXHAUST	3	2357	2359

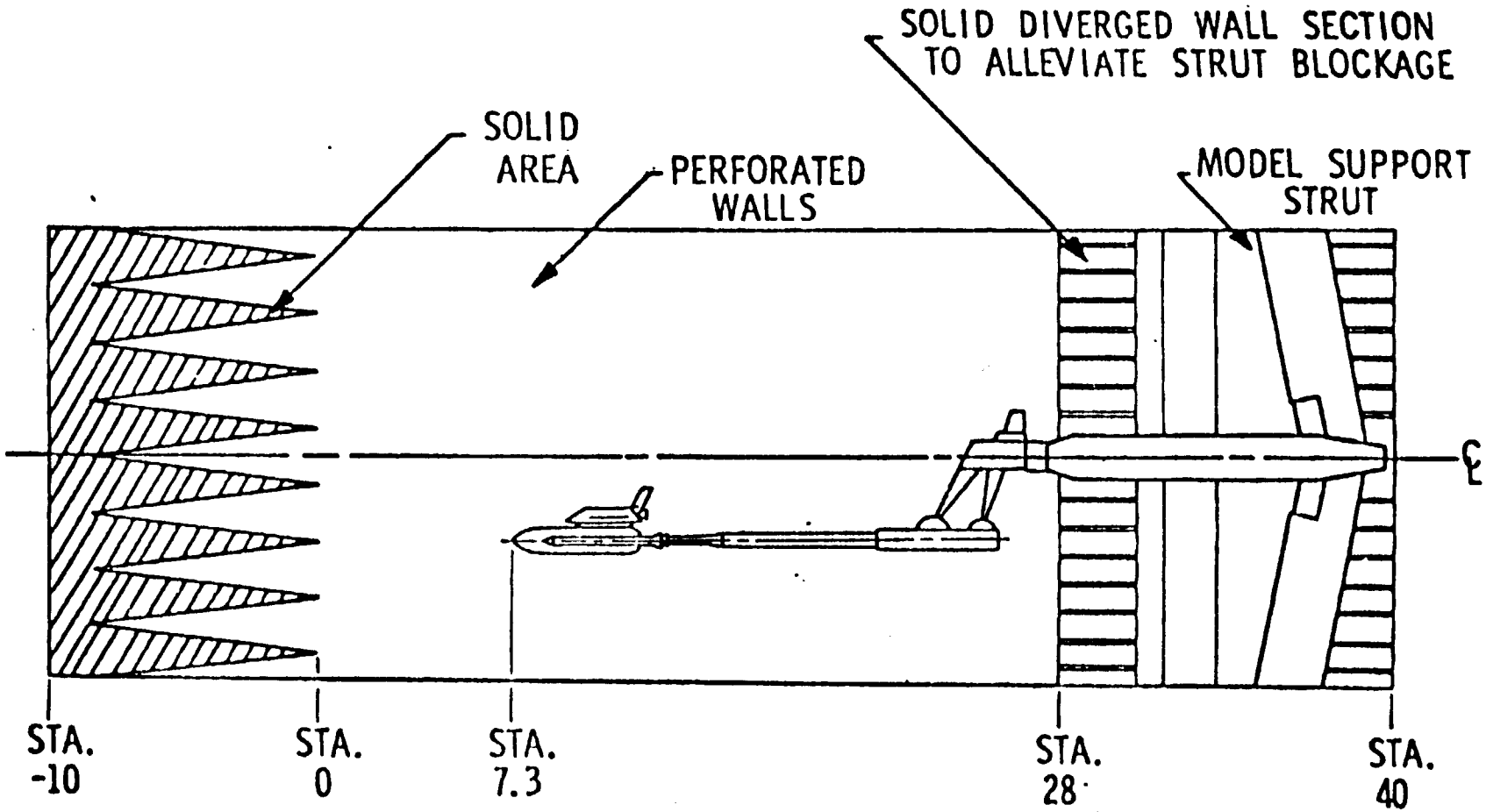
$\Sigma = 43$

d. SRB Protuberance Pressures Summary
Figure 9. (Concluded)

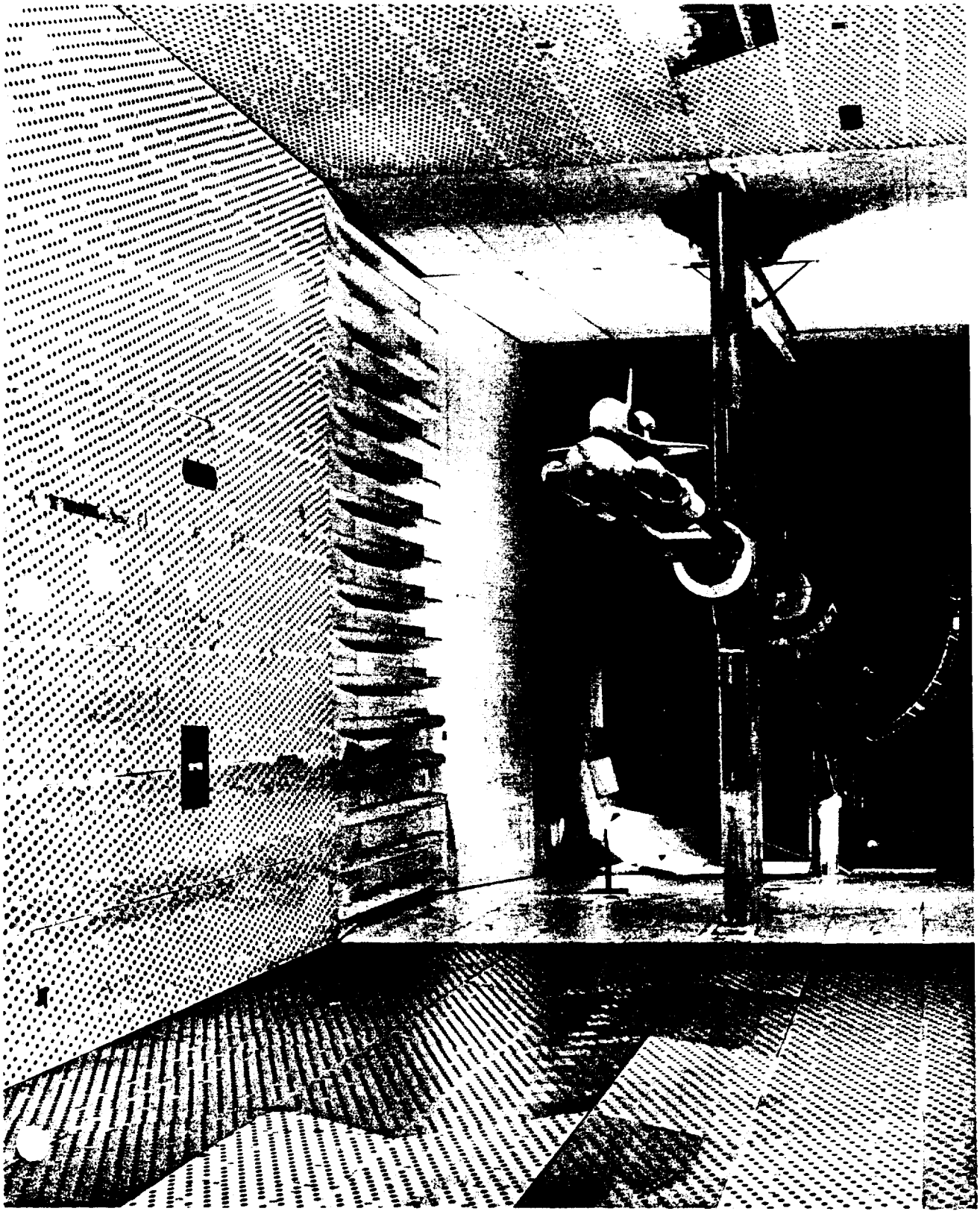


a. First Entry (Straight Sting)

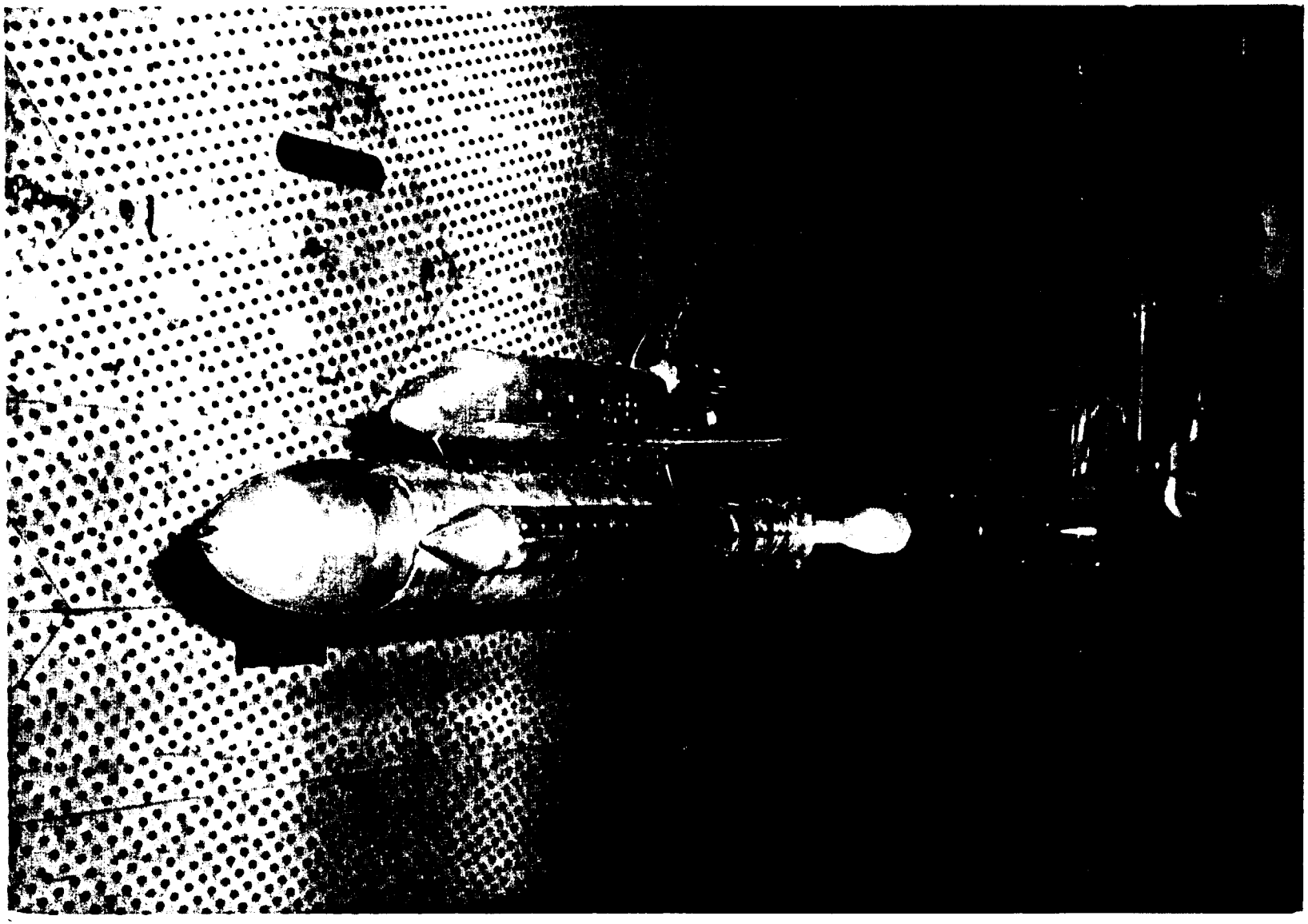
Figure 10. Model Installation in the AEDC 16T



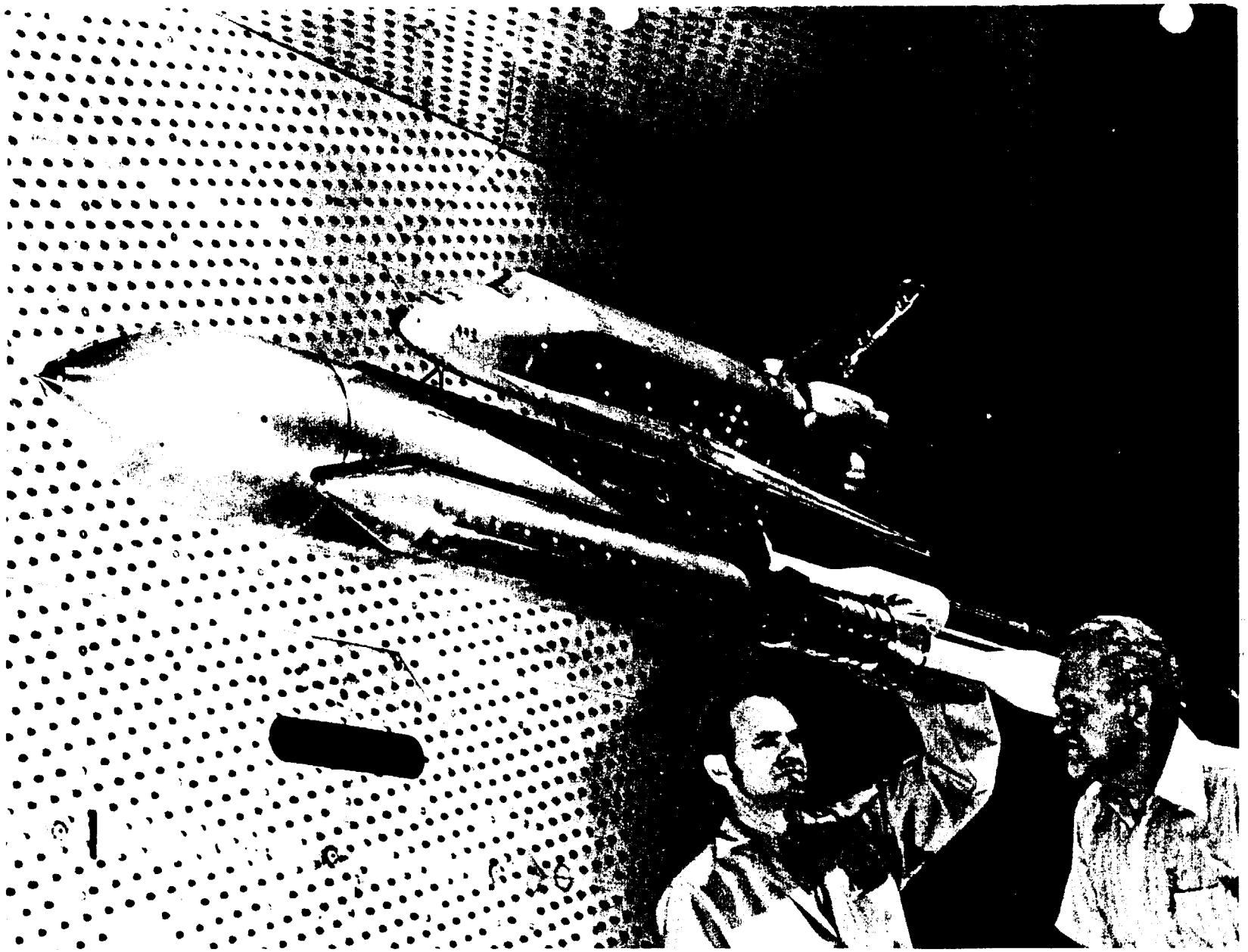
b. Second Entry (Hi-Pitch Sting)
Figure 10. (Concluded)



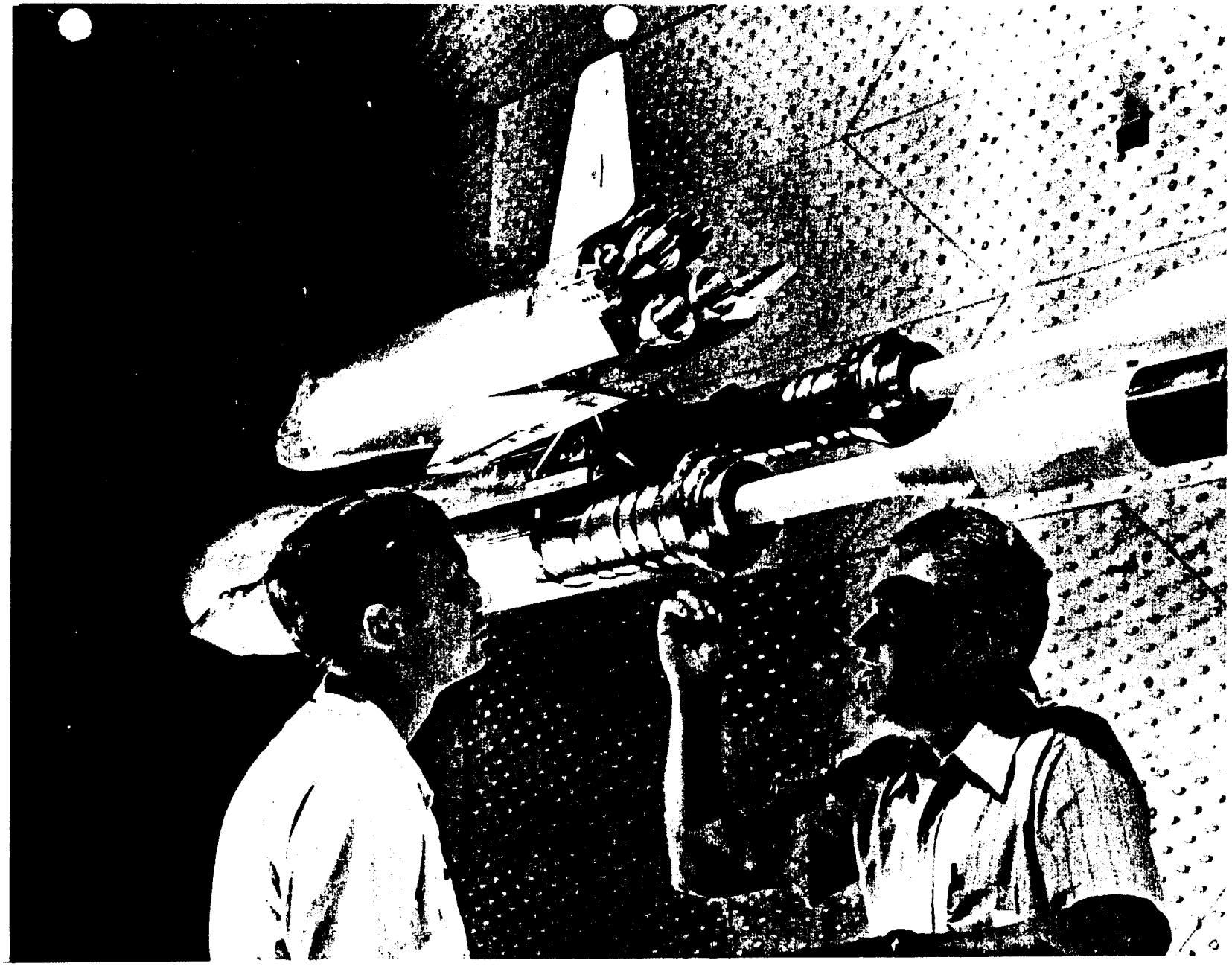
a. First Entry Installation
Figure 11. Model Photographs



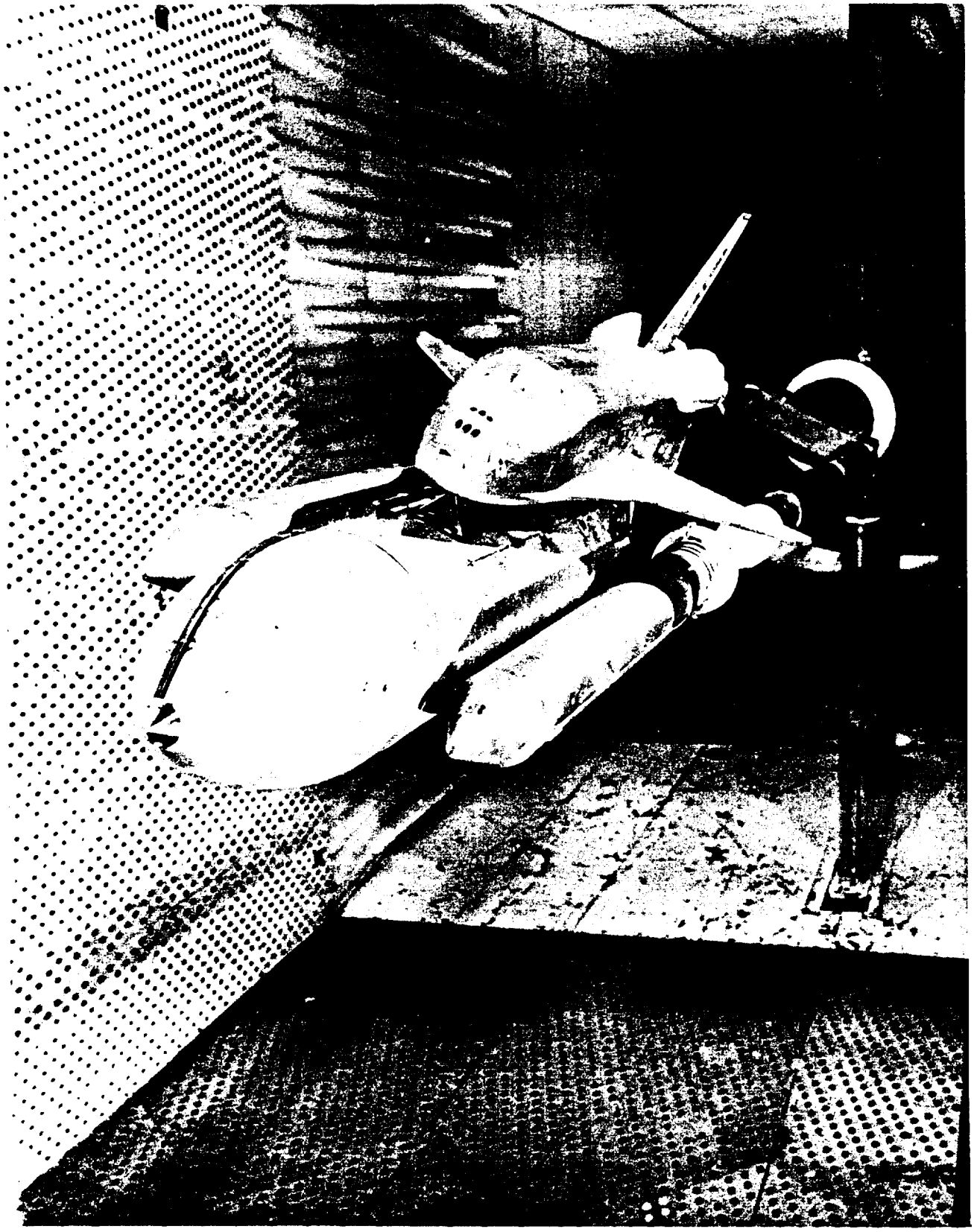
b. Second Entry Installation
Figure 11. Model Photographs



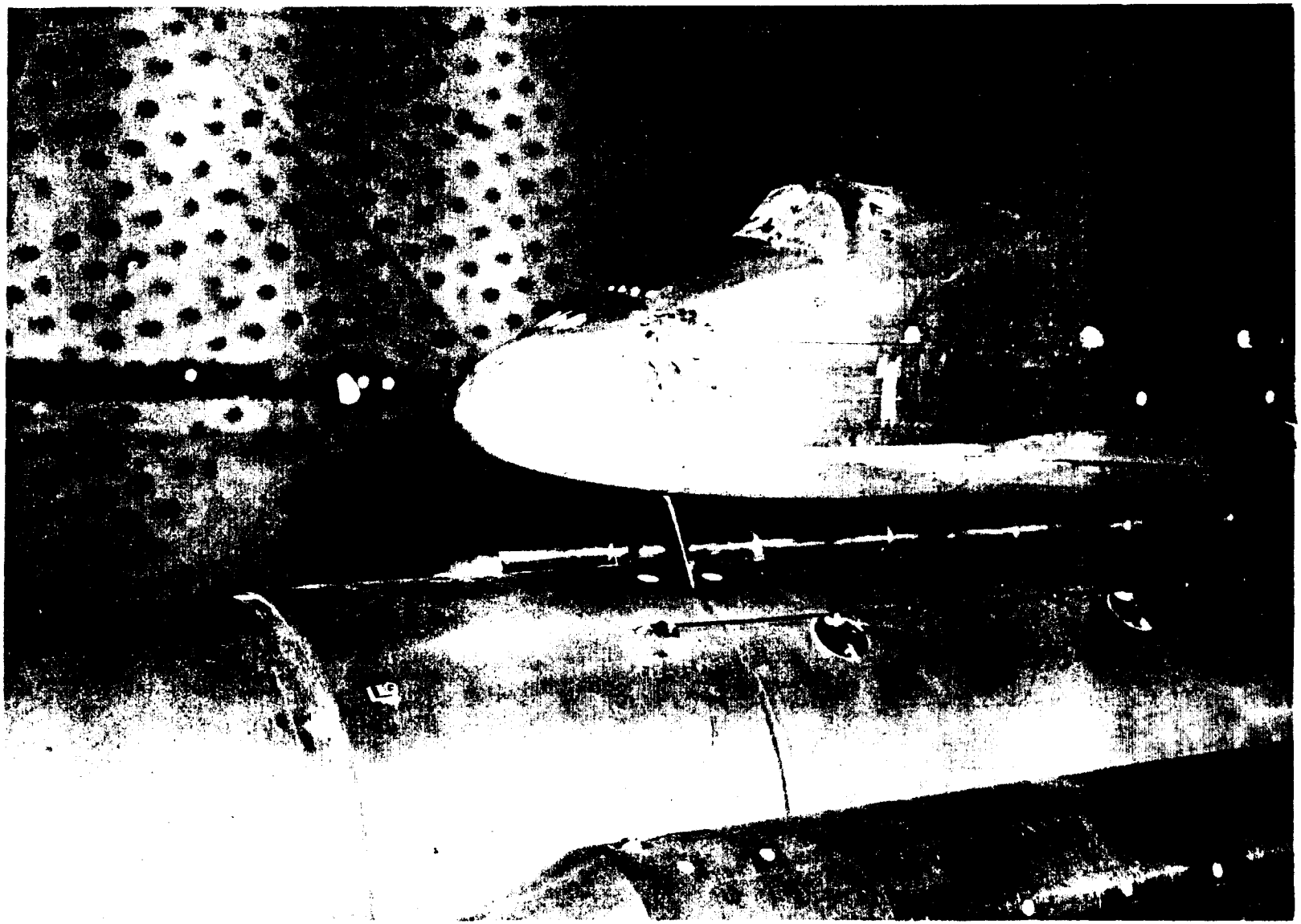
c. Model 47-OTS - Front Quarter View
Figure 11. Model Photographs



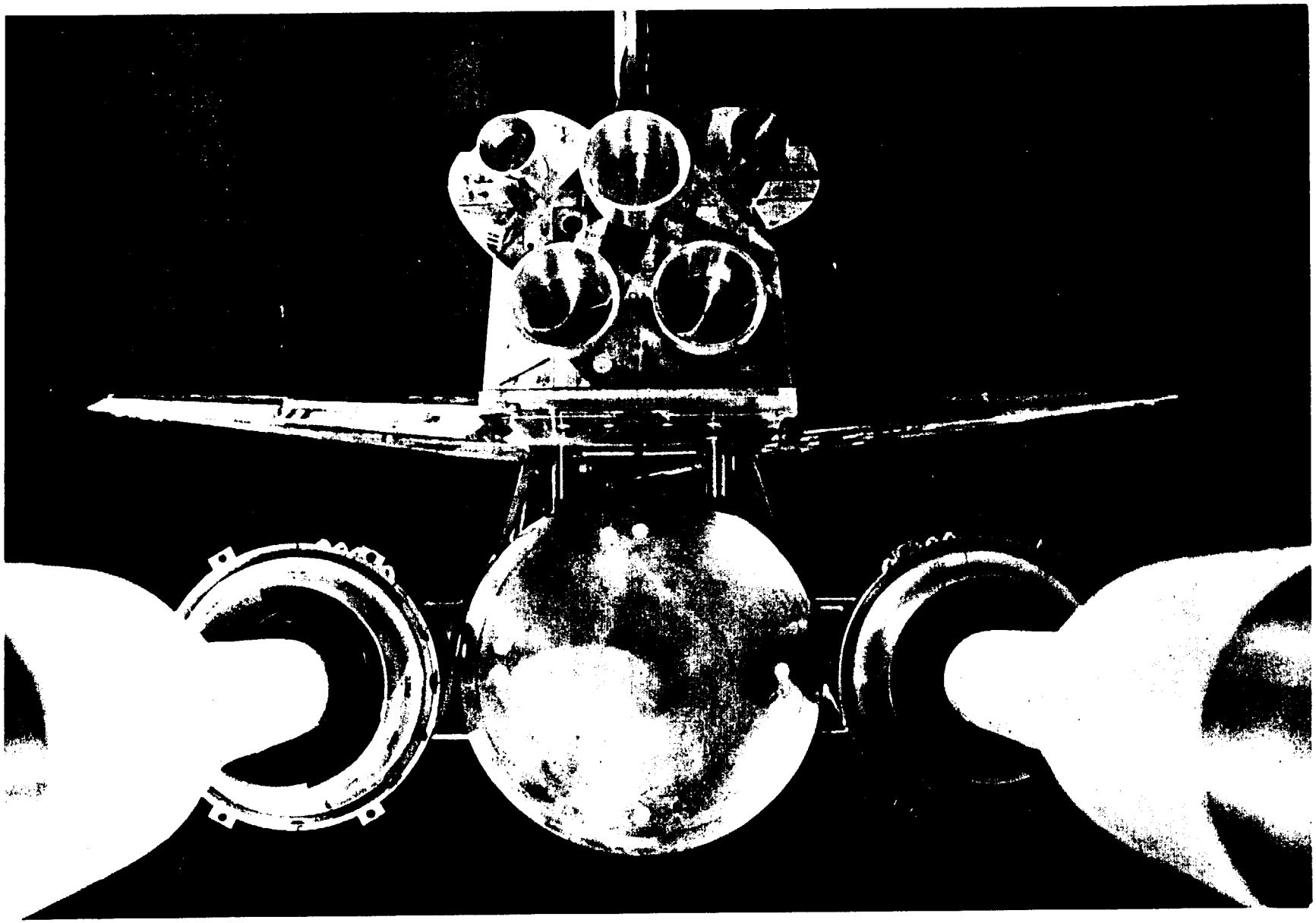
d. Model 47-OTS - Rear Quarter View
Figure 11. Model Photographs



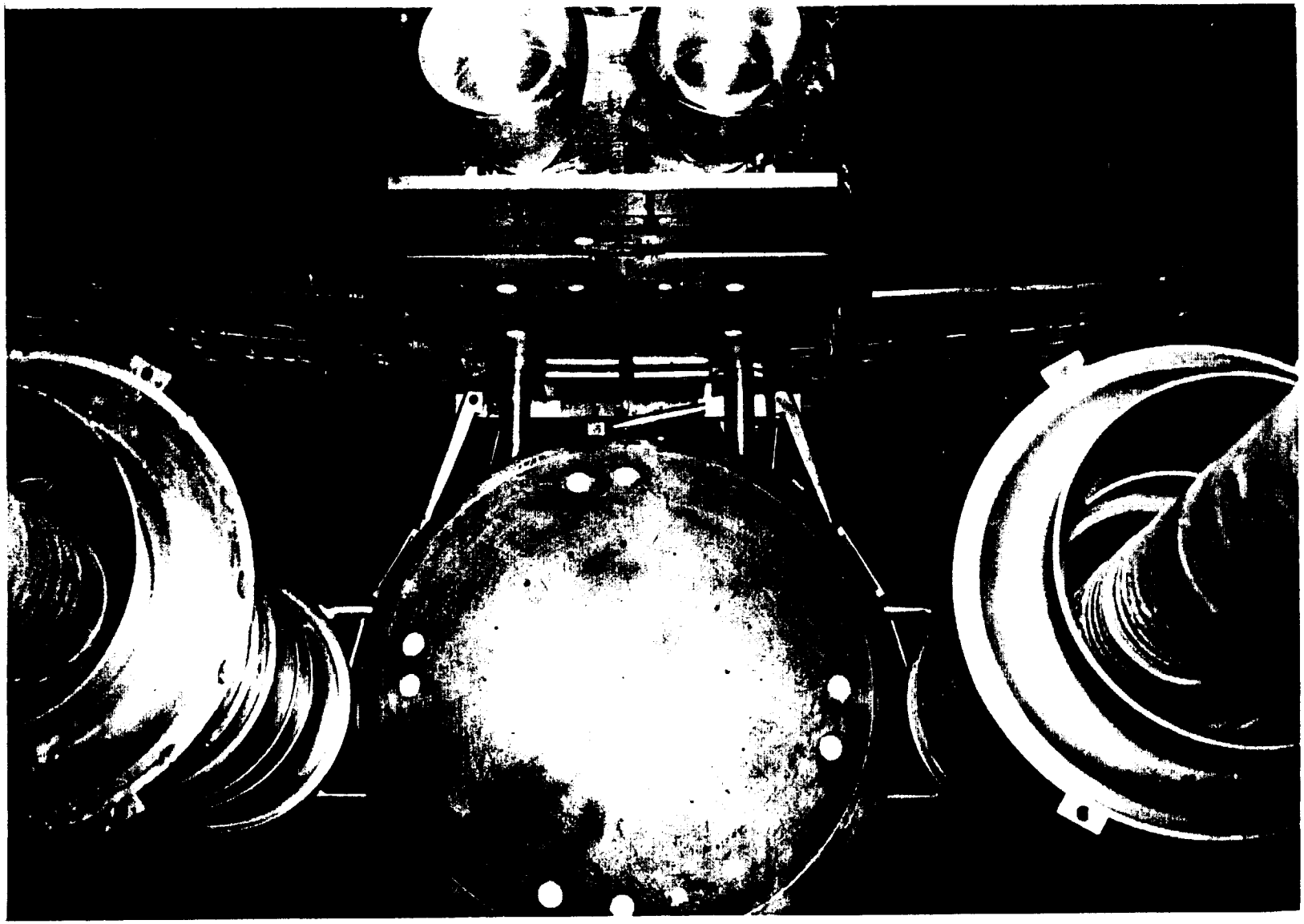
e. Model 47-OTS - Front View
Figure 11. Model Photographs



f. Model 47-OTS - Forward Support Detail
Figure 11. Model Photographs



g. Model 47-OTS - Rear View
Figure 11. Model Photographs



h. Model 47-OTS - Aft Attach Structure Detail
Figure 11. Model Photographs

DATA FIGURES

(SAMPLE PRESSURE PLOTS)

Tabulations of plotted data figures may be found in Volumes II and III (microfiche only), or are available from DMS on request.

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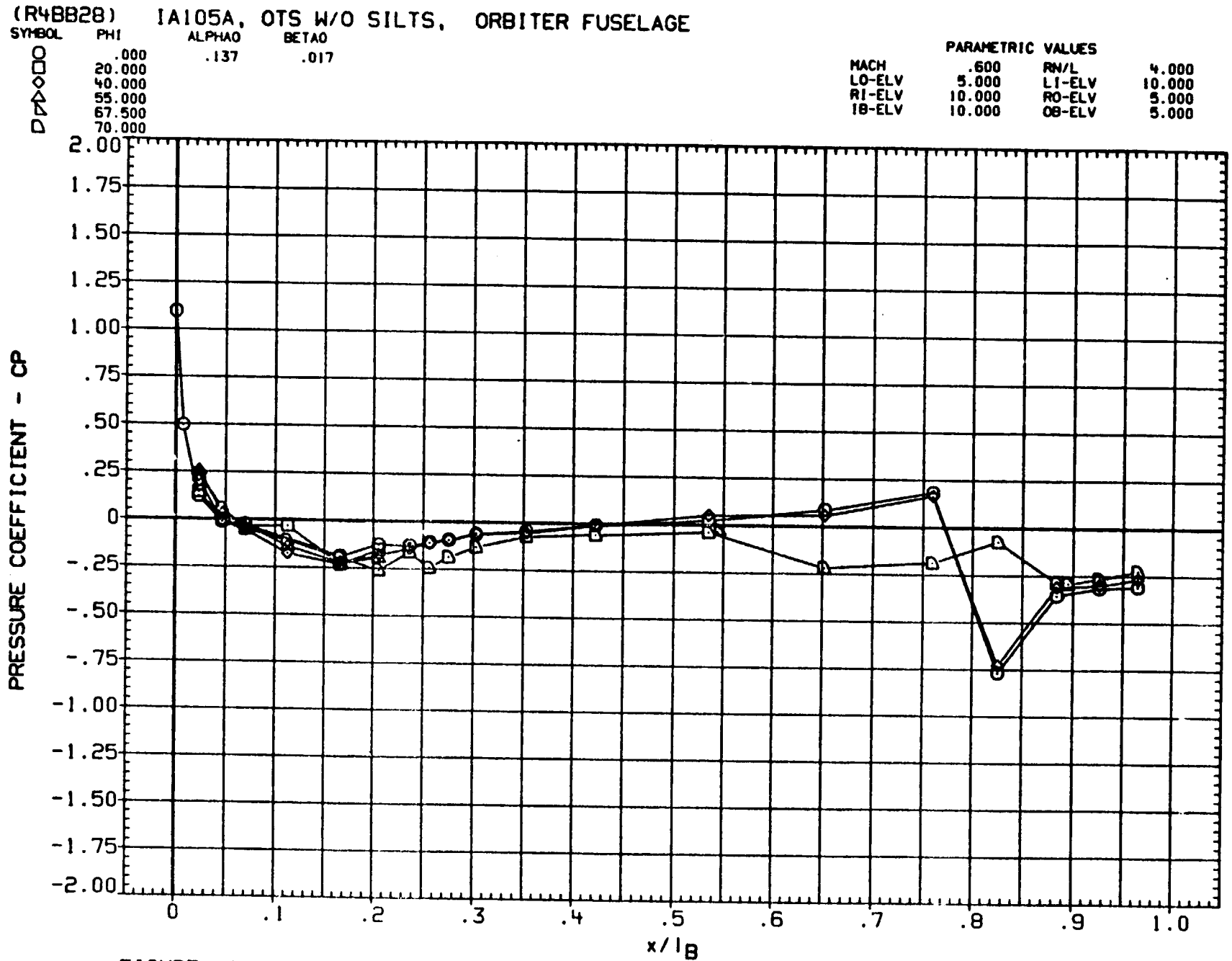

FIGURE 1. TYPICAL PRESSURE DISTRIBUTION - ORBITER FUSELAGE

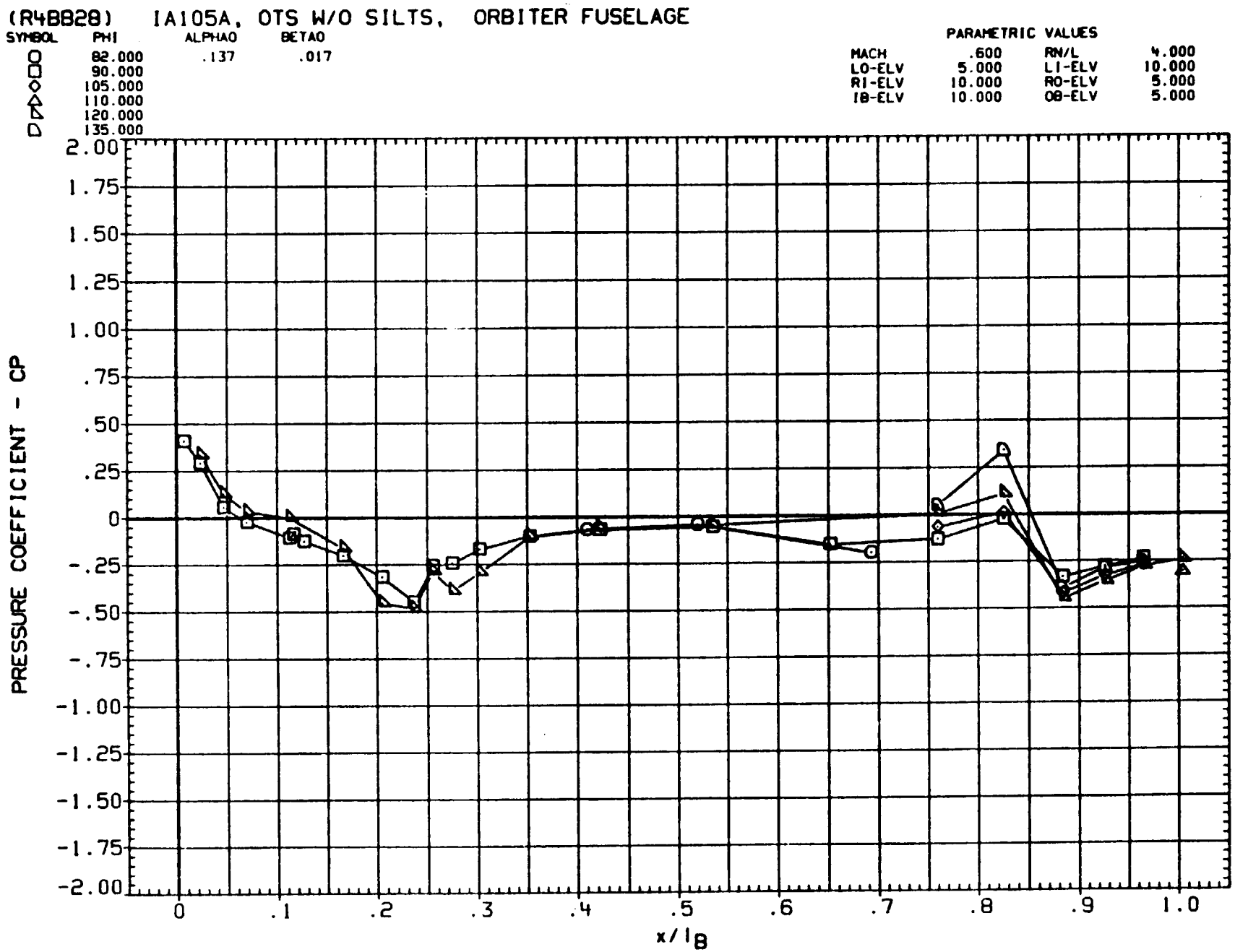

FIGURE 1. TYPICAL PRESSURE DISTRIBUTION - ORBITER FUSELAGE

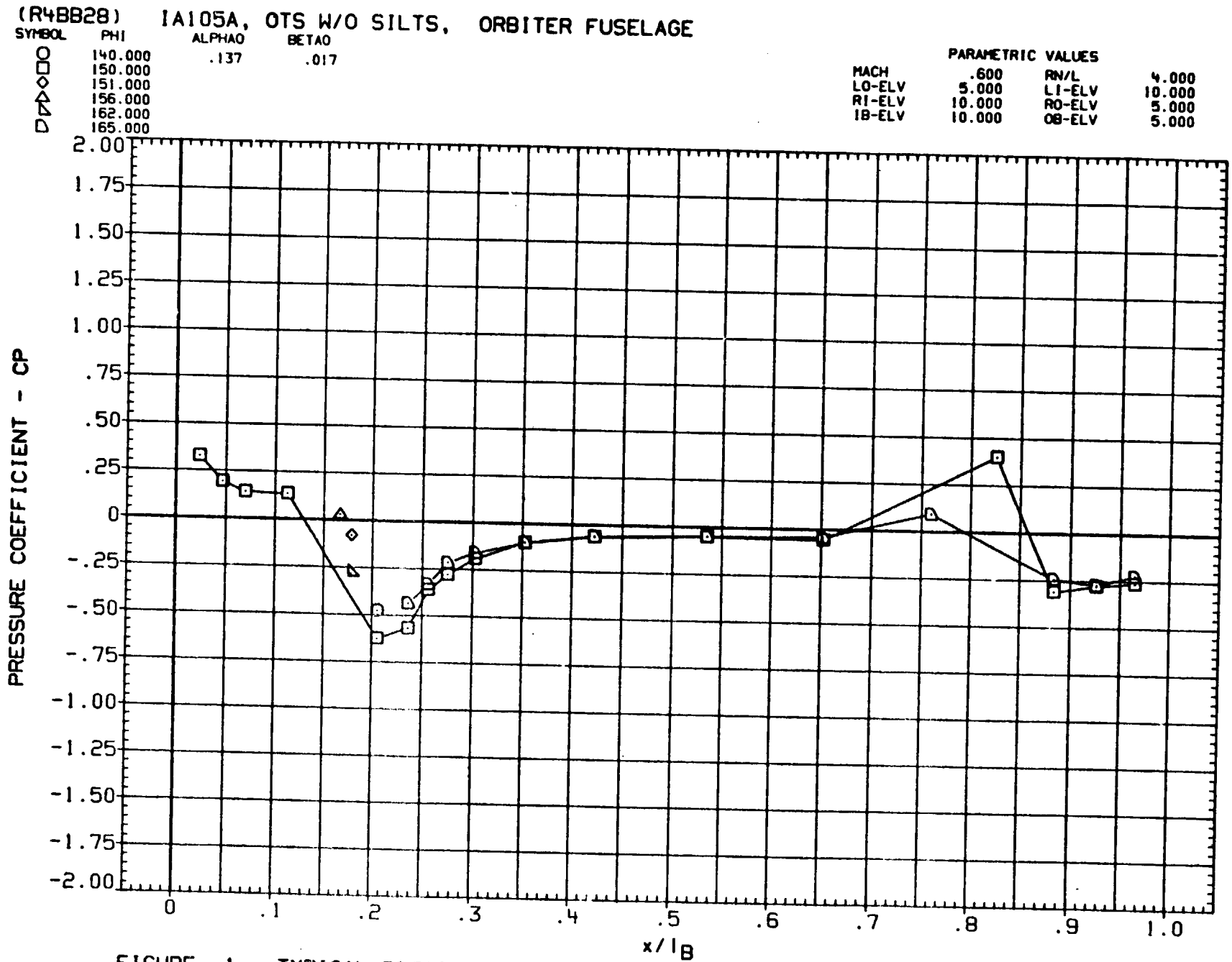

FIGURE 1. TYPICAL PRESSURE DISTRIBUTION - ORBITER FUSELAGE

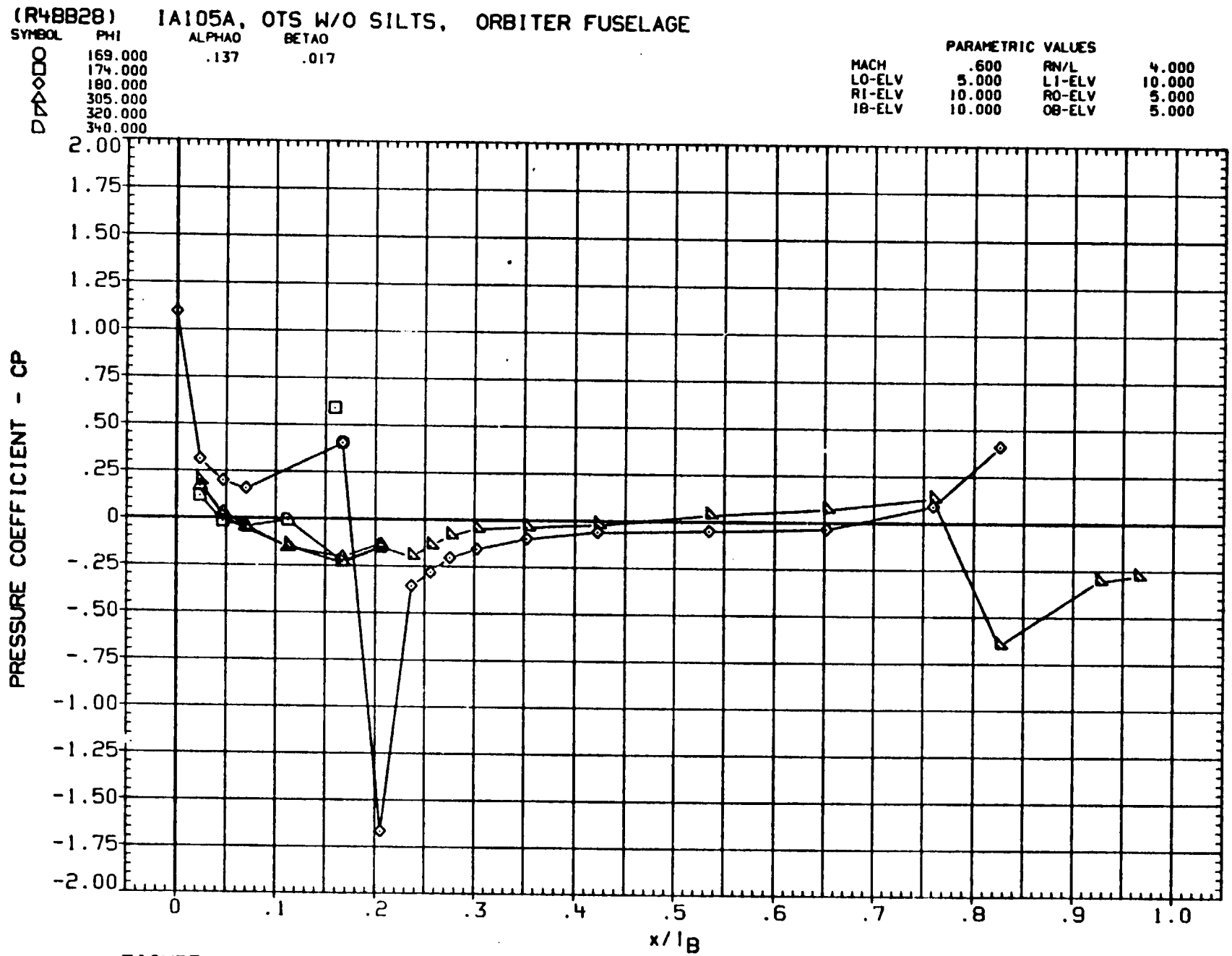

FIGURE 1. TYPICAL PRESSURE DISTRIBUTION - ORBITER FUSELAGE

(R4BE28) IA105A, OTS W/O SILTS, ORBITER BASE

SYMBOL	YO	ALPHAO	BETAO
O	.000	.137	.017

PARAMETRIC VALUES

MACH	.600	RN/L	4.000
LO-ELV	5.000	LI-ELV	10.000
RI-ELV	10.000	RO-ELV	5.000
IB-ELV	10.000	OB-ELV	5.000

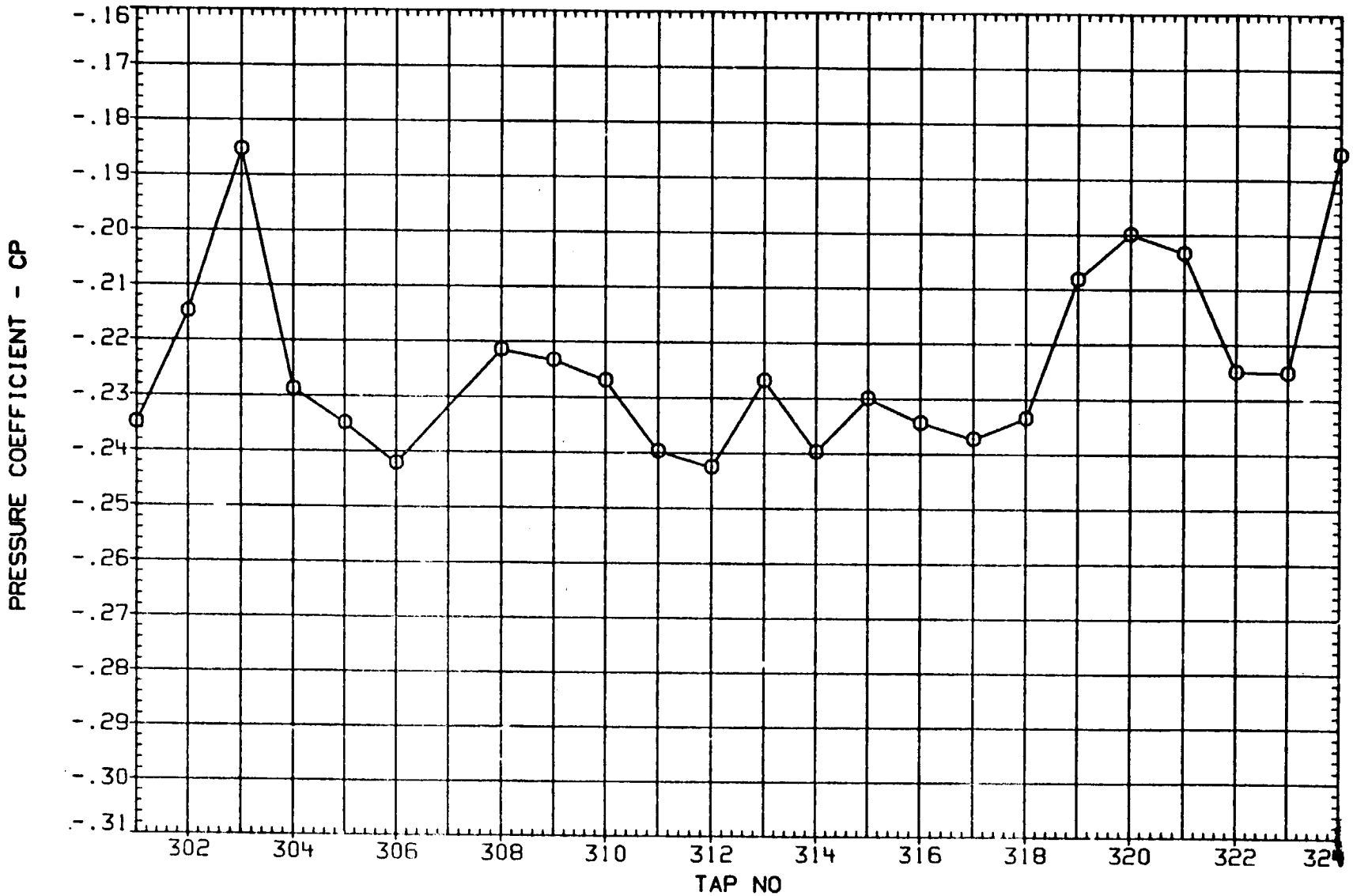

FIGURE 2. TYPICAL PRESSURE DISTRIBUTION - ORBITER BASE

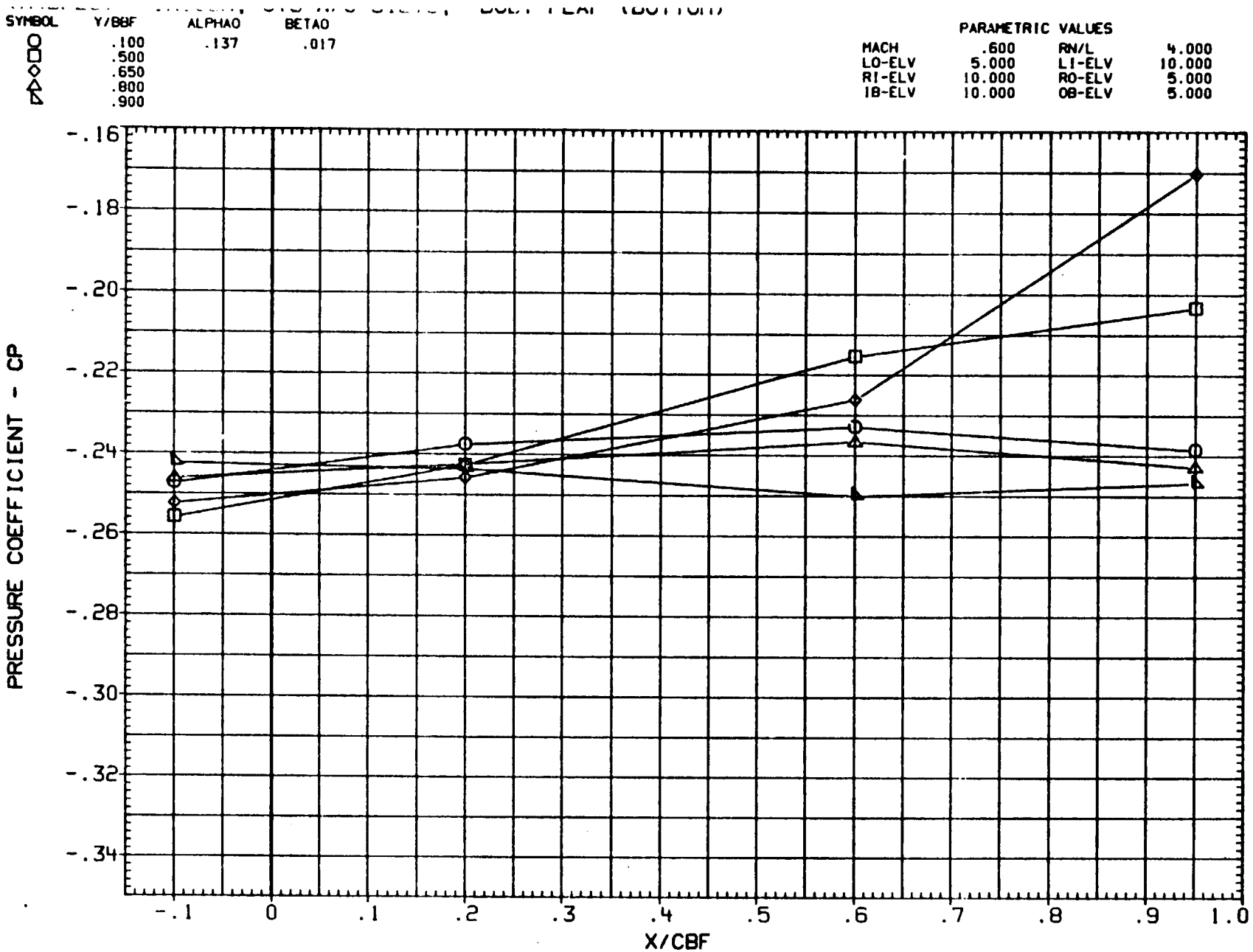

FIGURE 3. TYPICAL PRESSURE DISTRIBUTION - BODY FLAP - LOWER SURFACE

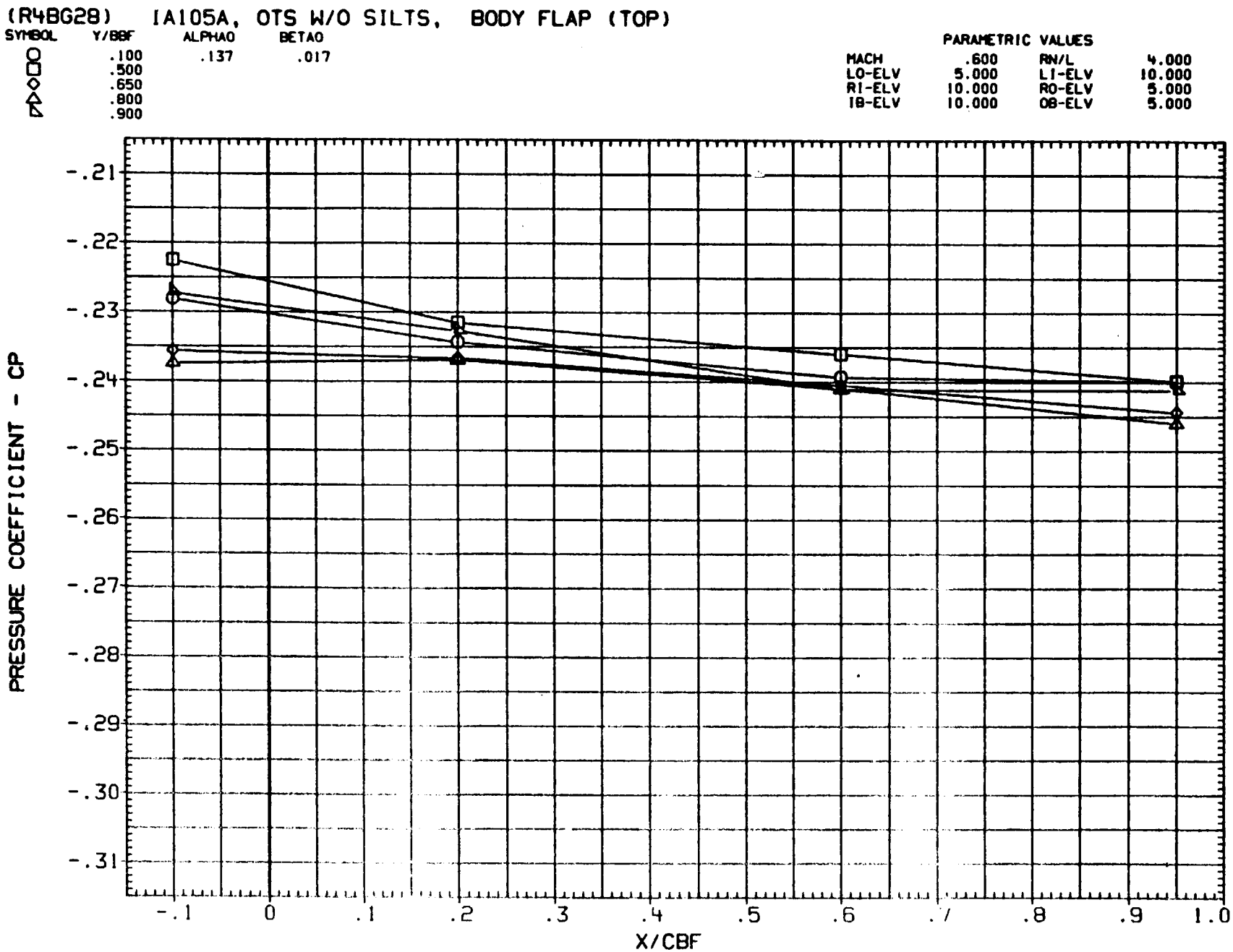

FIGURE 4. TYPICAL PRESSURE DISTRIBUTION - BODY FLAP - UPPER SURFACE

(R4BJ28) IA105A, OTS W/O SILTS, MISCELLANEOUS

SYMBOL	TAP NO	ALPHAO	BETAO
○	214.000	.137	.017
□	215.000		

PARAMETRIC VALUES

MACH	.600	RN/L	4.000
LO-ELV	5.000	LI-ELV	10.000
RI-ELV	10.000	RO-ELV	5.000
IB-ELV	10.000	OB-ELV	5.000

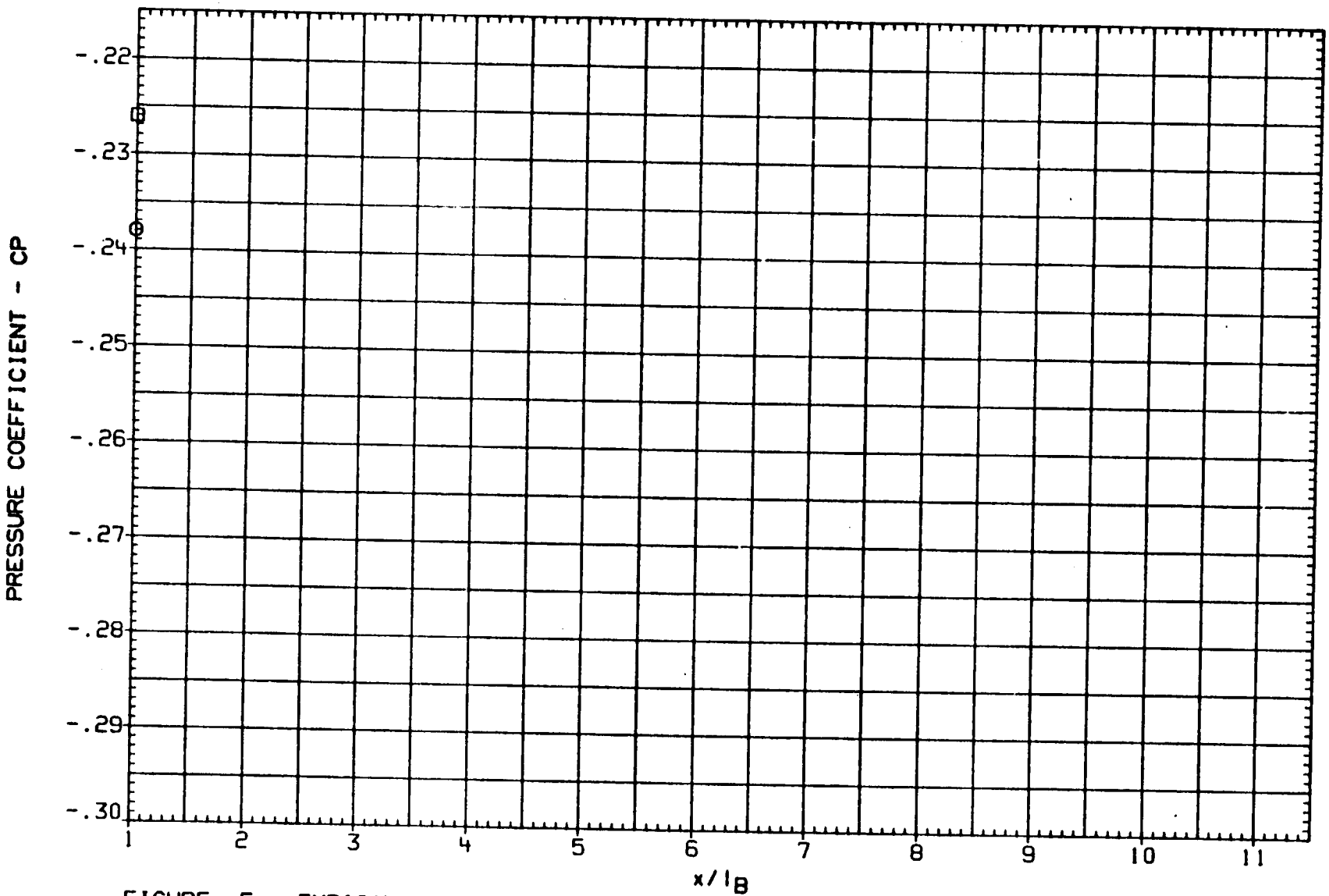

FIGURE 5. TYPICAL PRESSURE DISTRIBUTION - MISCELLANEOUS TAPS

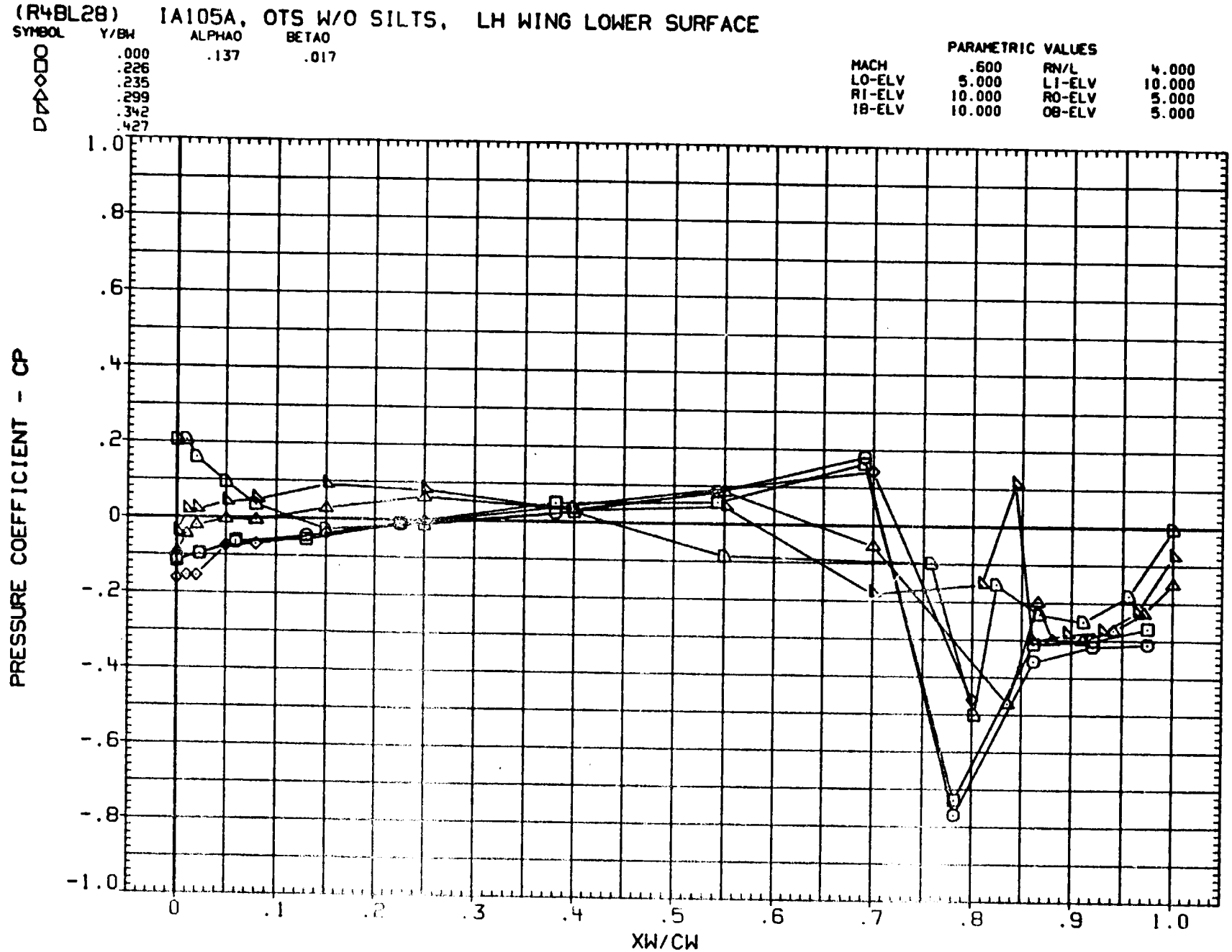

FIGURE 6. TYPICAL PRESSURE DISTRIBUTION - WING - LOWER SURFACE

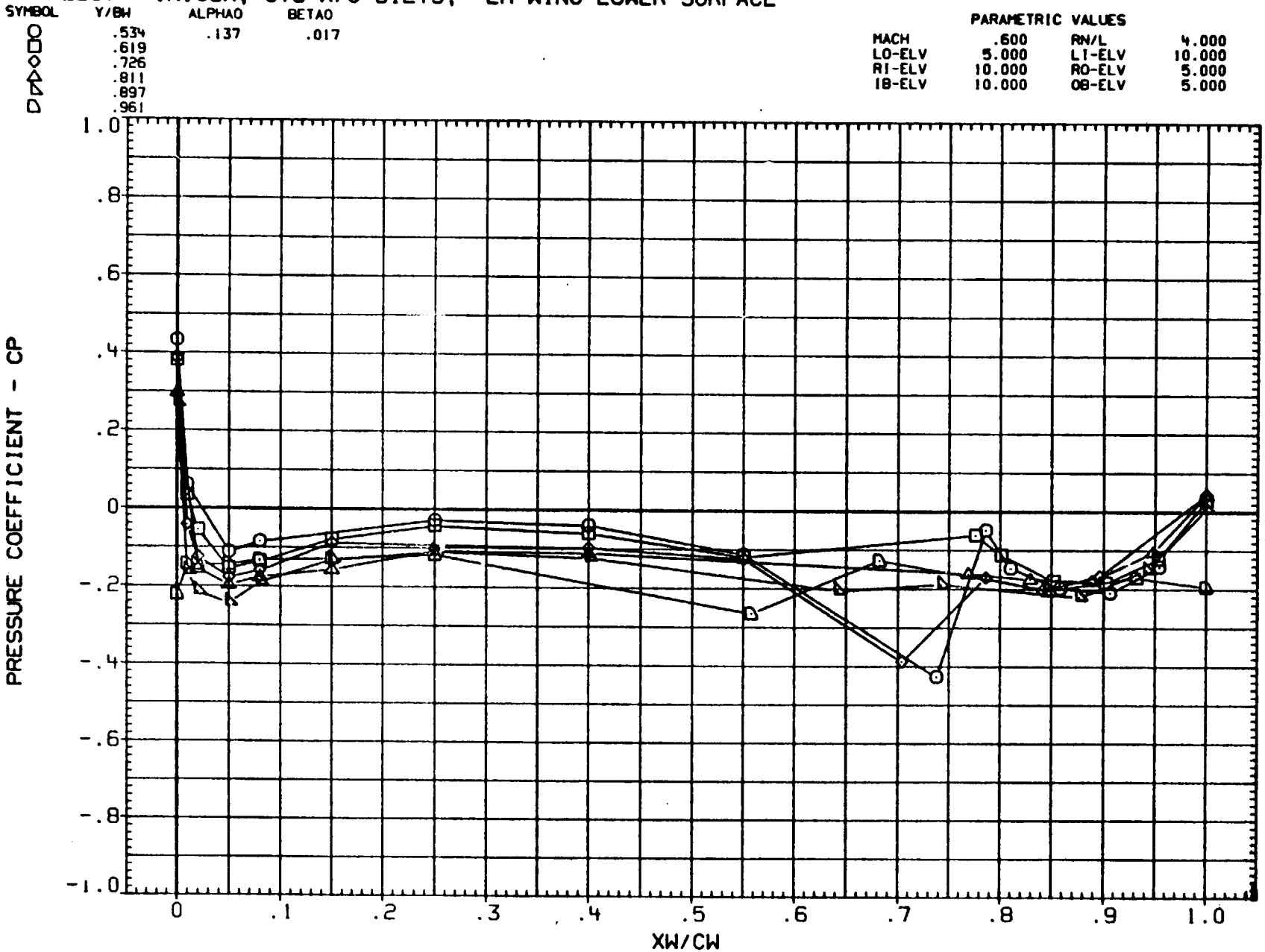

FIGURE 6. TYPICAL PRESSURE DISTRIBUTION - WING - LOWER SURFACE

(R4BL28) IA105A, OTS W/O SILTS, LH WING LOWER SURFACE

SYMBOL	Y/BW	ALPHAO	BETAO
O	1.000	.137	.017

PARAMETRIC VALUES

MACH	.600	RN/L	4.000
LO-ELV	5.000	LI-ELV	10.000
RI-ELV	10.000	RO-ELV	5.000
IB-ELV	10.000	OB-ELV	5.000

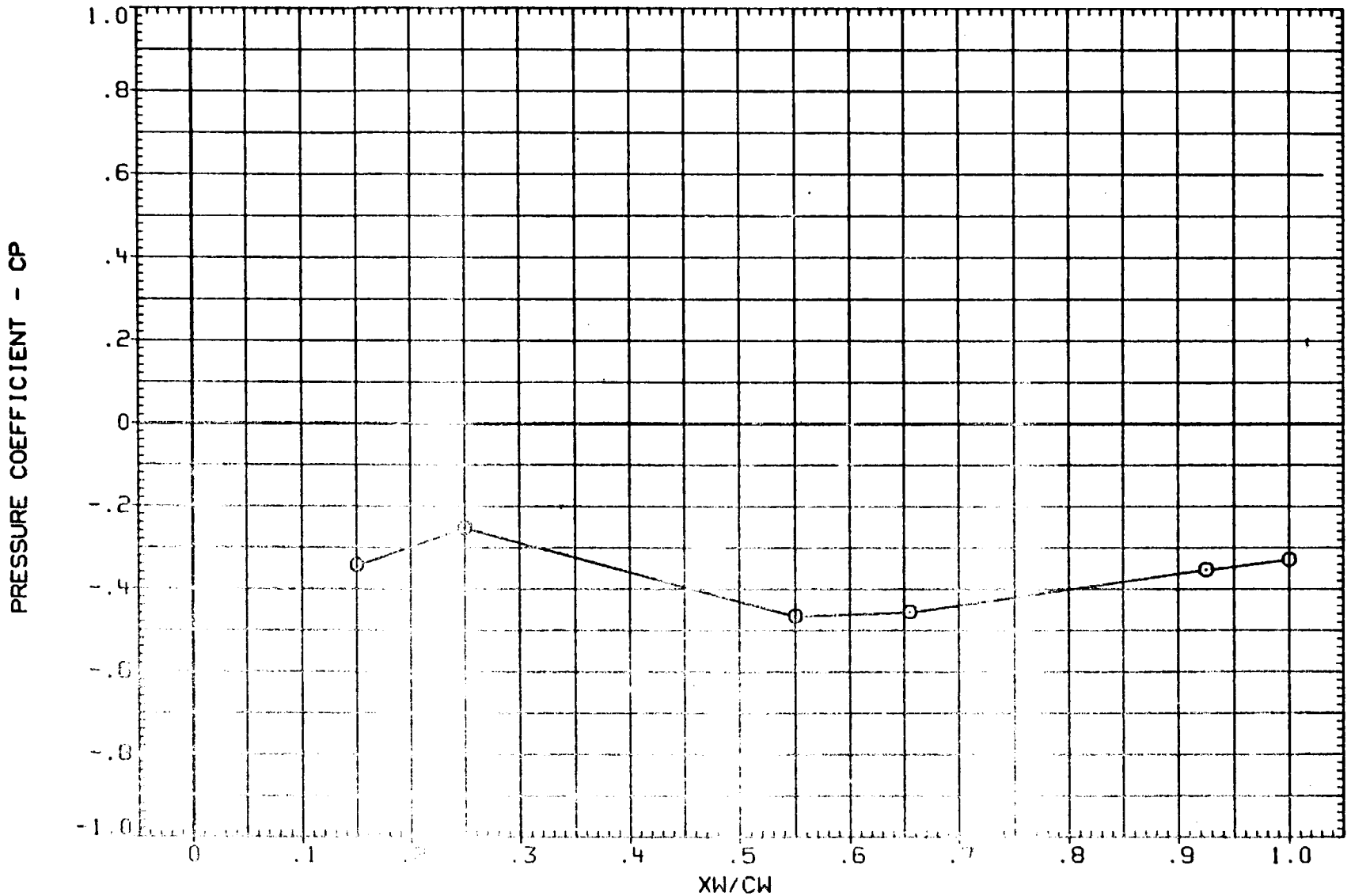

FIGURE 6. TYPICAL PRESSURE DISTRIBUTION - WING - LOWER SURFACE

(R4BM28) IA105A, OTS W/O SILTS, ET PROTUBERANCES

SYMBOL	YO	ALPHAO	BETAO
O	.000	.137	.017

PARAMETRIC VALUES

MACH	.600	RN/L	4.000
LO-ELV	5.000	LI-ELV	10.000
RI-ELV	10.000	RO-ELV	5.000
IB-ELV	10.000	OB-ELV	5.000

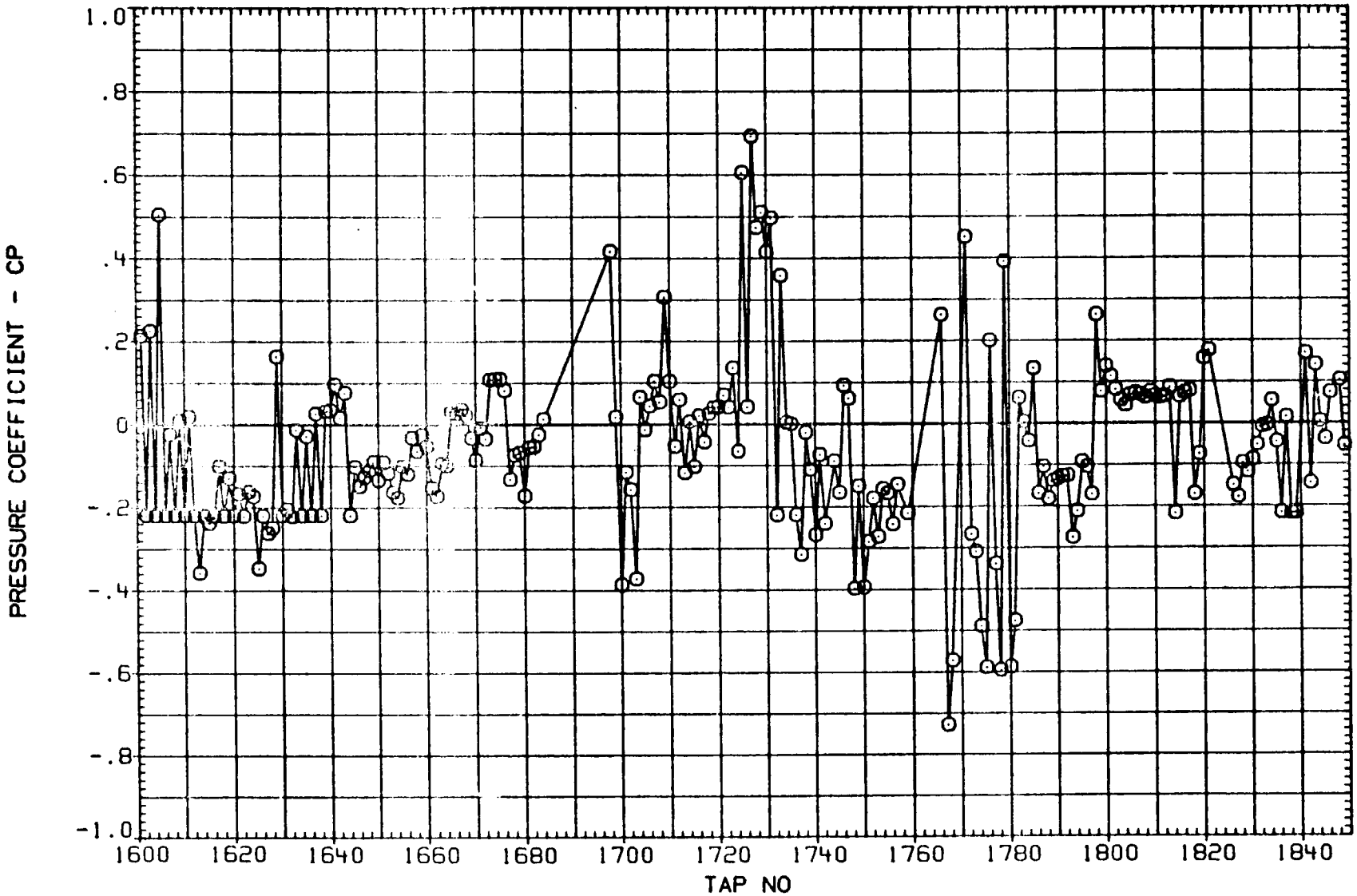

FIGURE 7. TYPICAL PRESSURE DISTRIBUTION - ET PROTUBERANCES

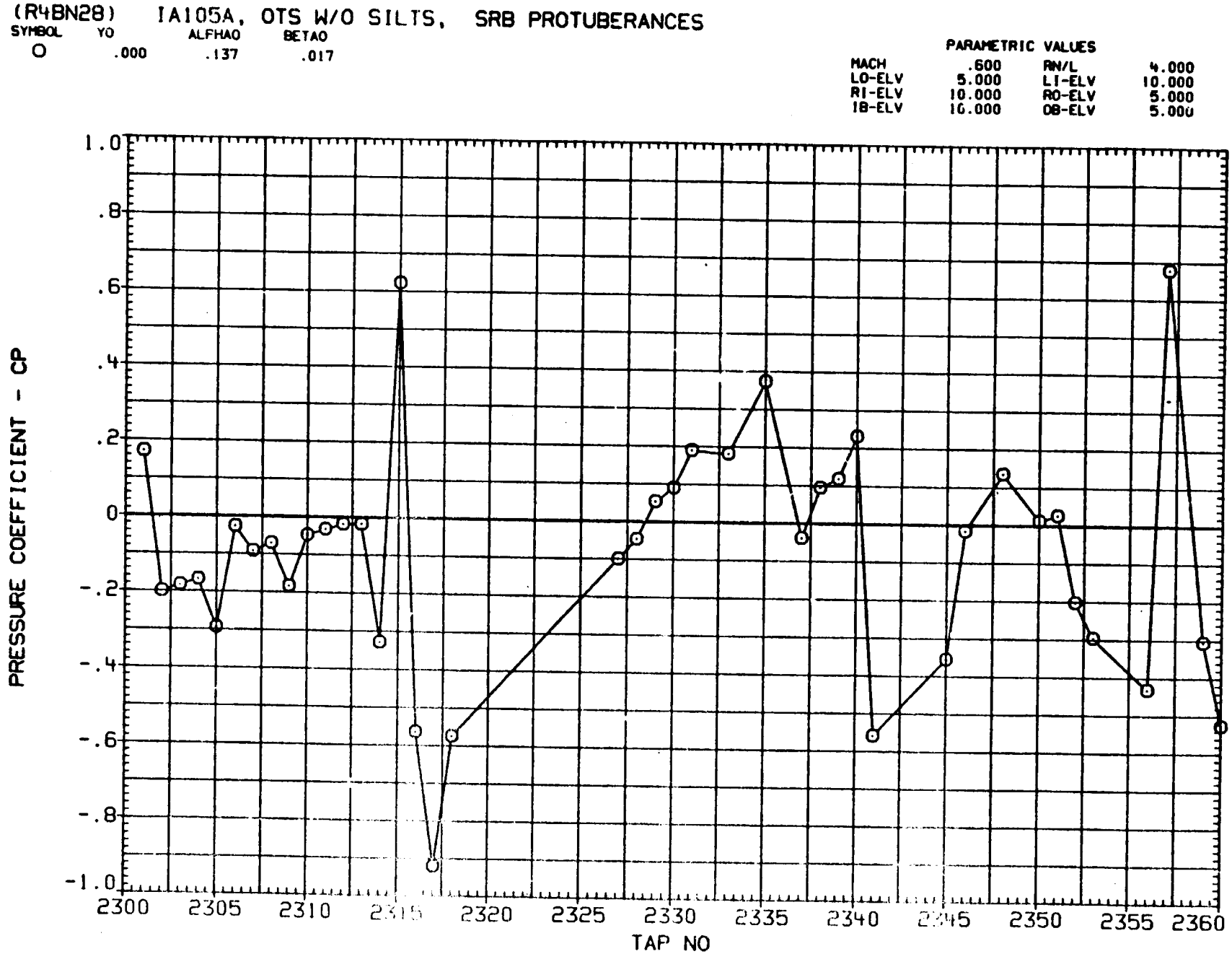

FIGURE 8. TYPICAL PRESSURE DISTRIBUTION - SRB PROTUBERANCES

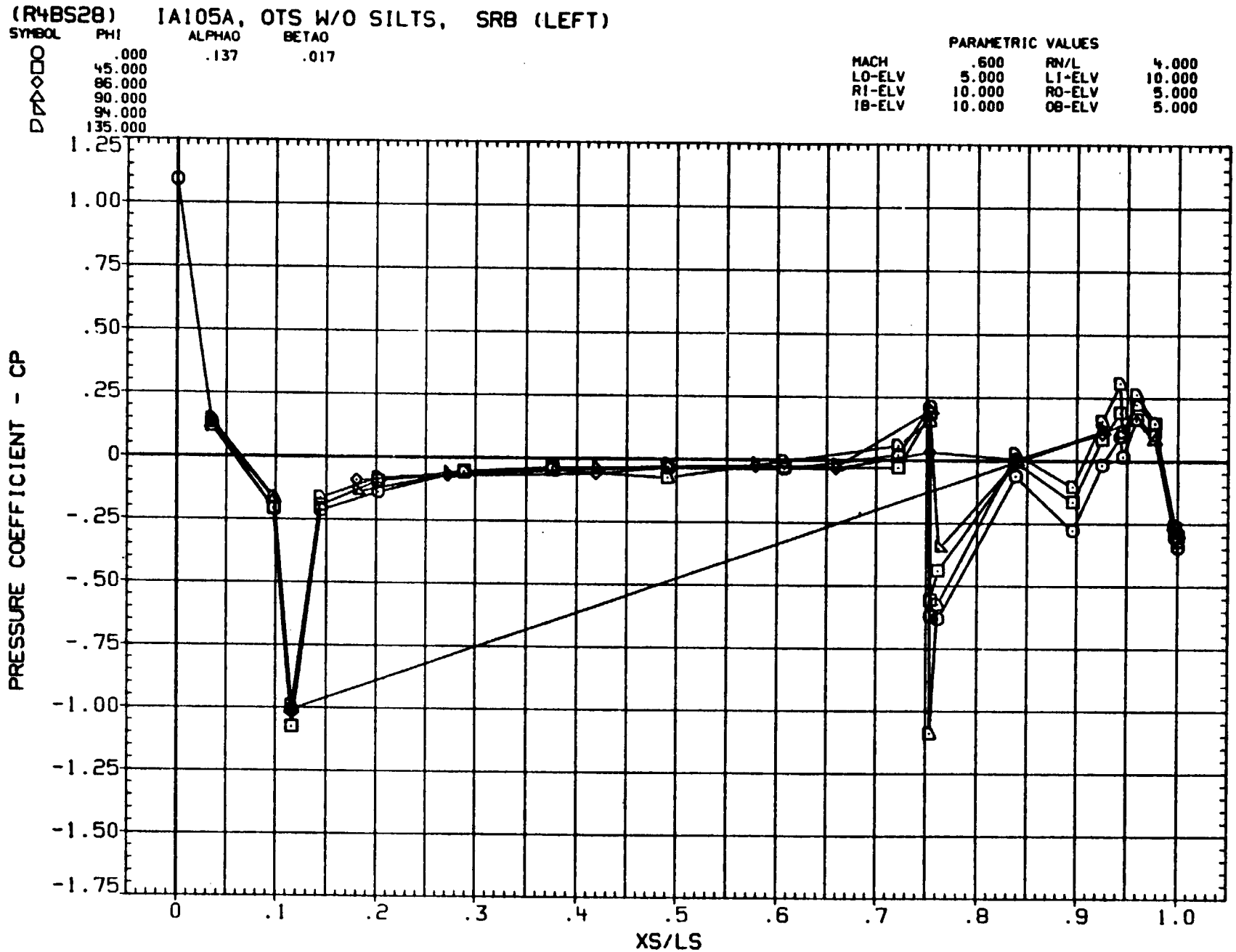

FIGURE 9. TYPICAL PRESSURE DISTRIBUTION - SRB SURFACE

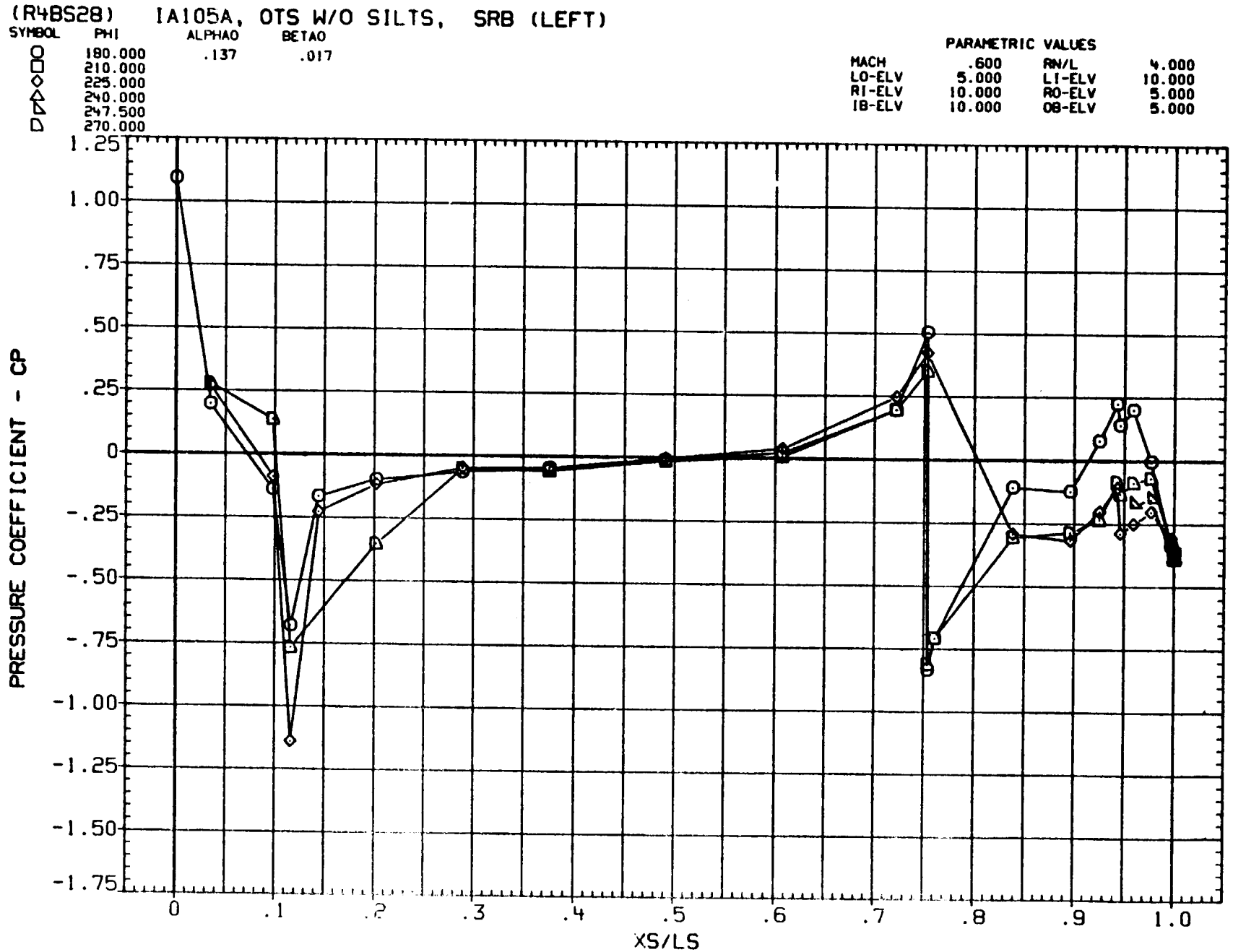

FIGURE 9. TYPICAL PRESSURE DISTRIBUTION - SRB SURFACE

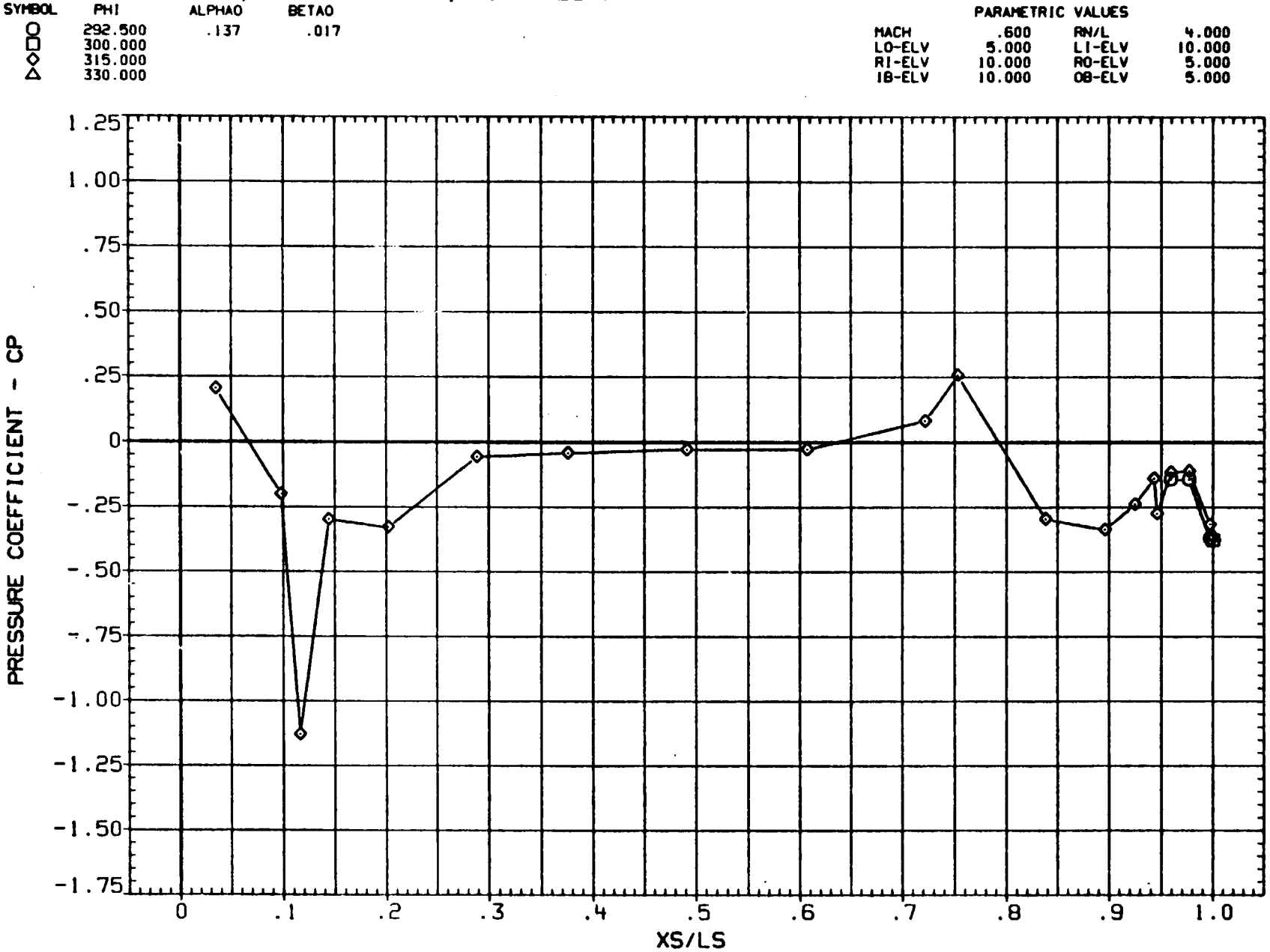

FIGURE 9. TYPICAL PRESSURE DISTRIBUTION - SRB SURFACE

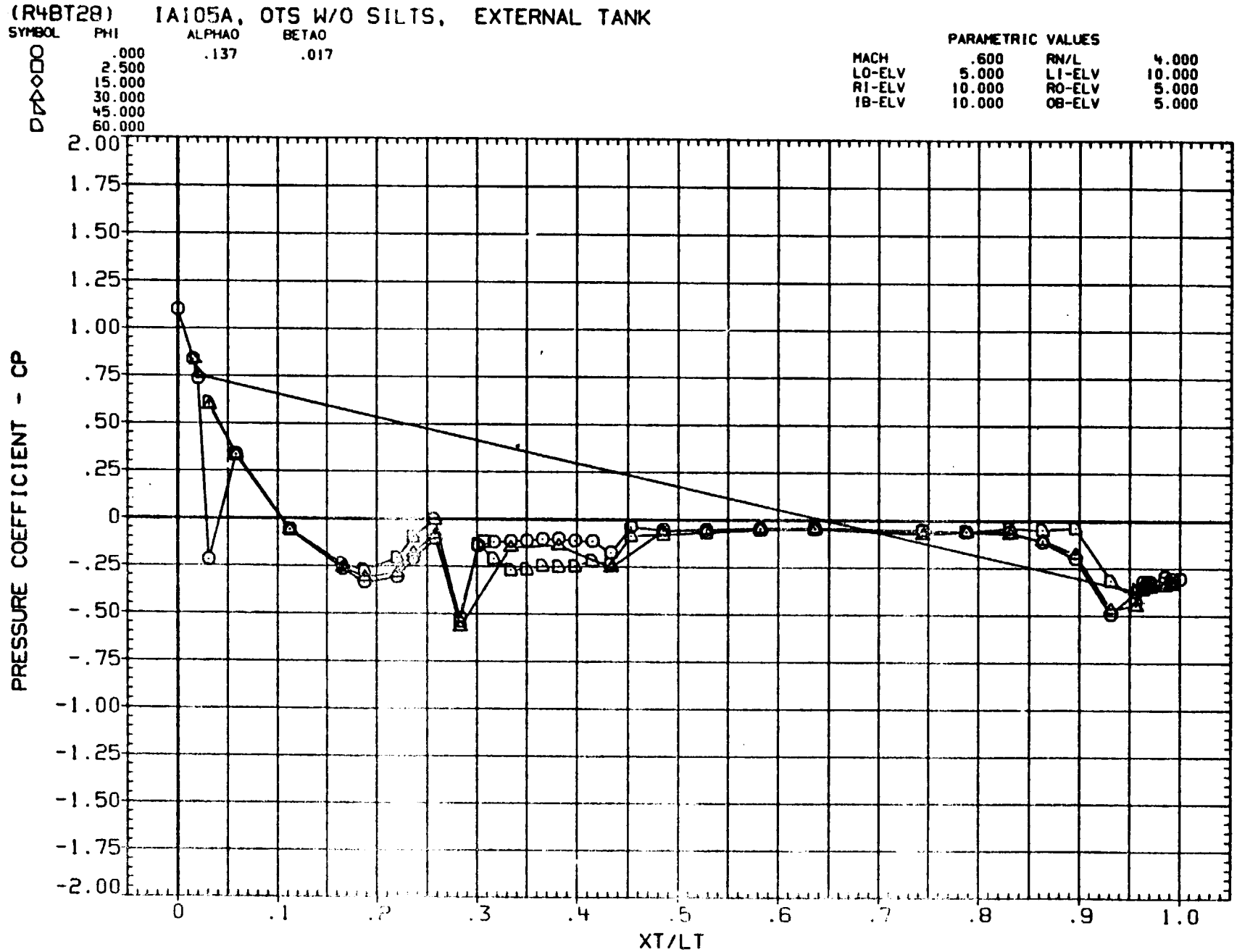

FIGURE 10. TYPICAL PRESSURE DISTRIBUTION - ET SURFACE

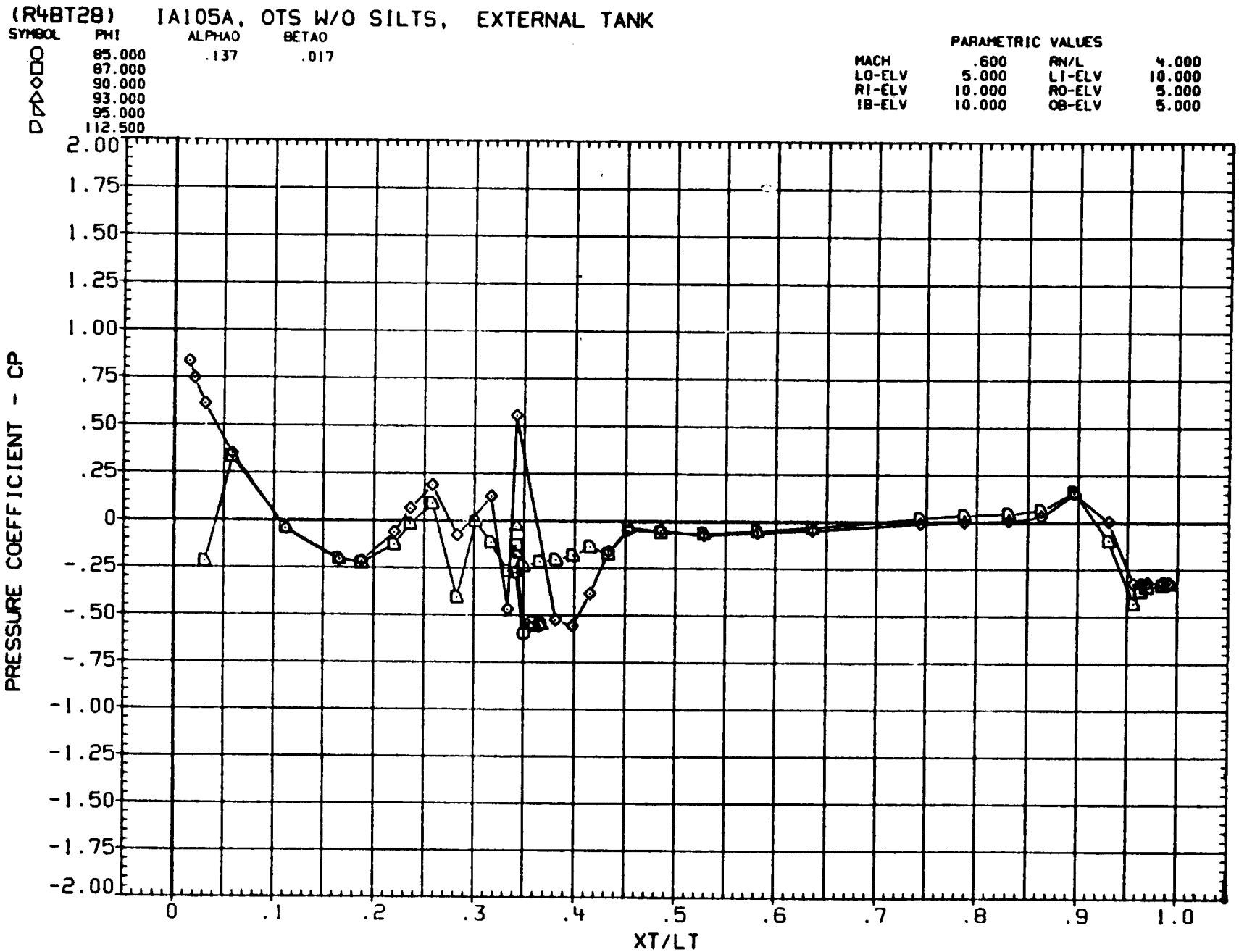

FIGURE 10. TYPICAL PRESSURE DISTRIBUTION - ET SURFACE

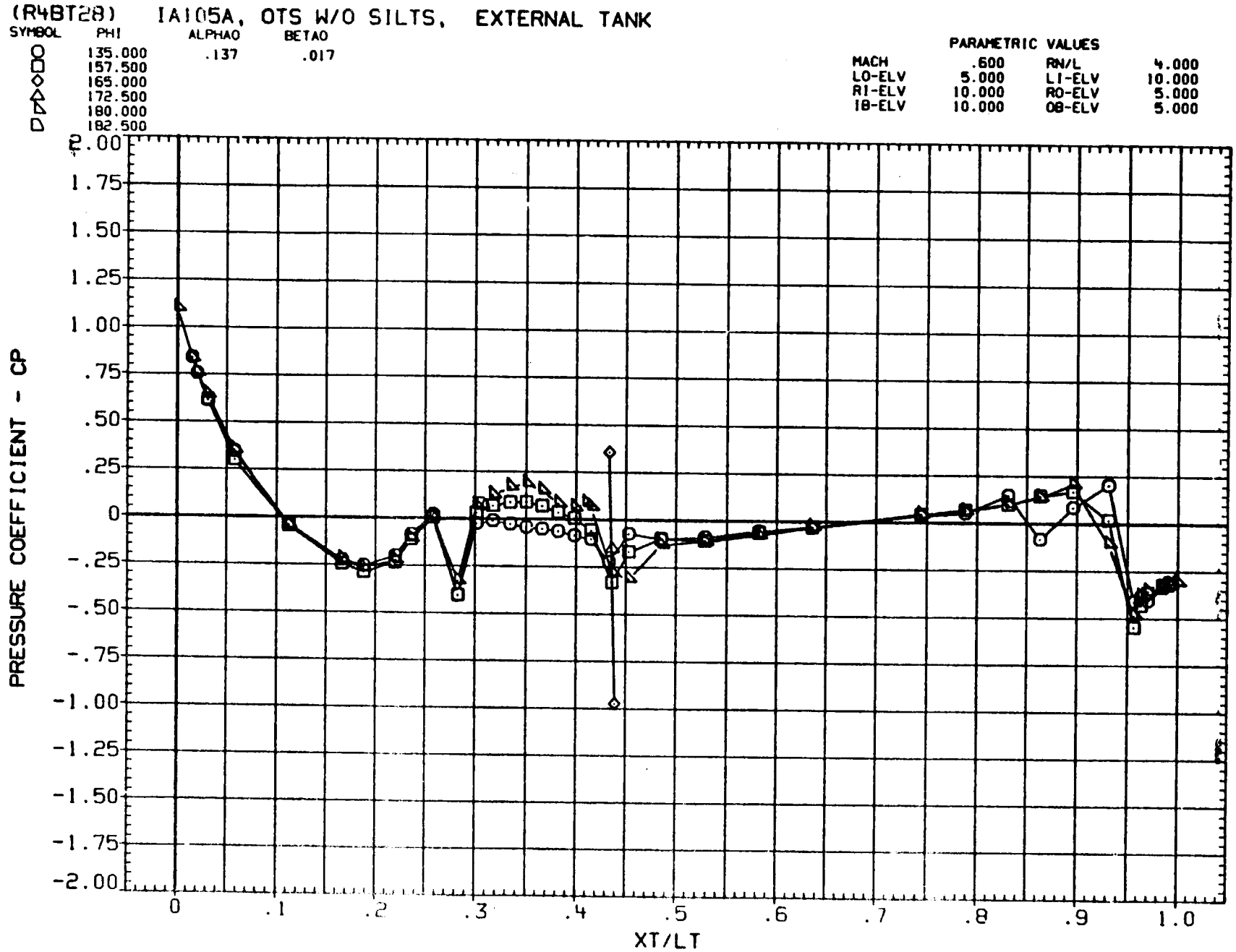

FIGURE 10. TYPICAL PRESSURE DISTRIBUTION - ET SURFACE

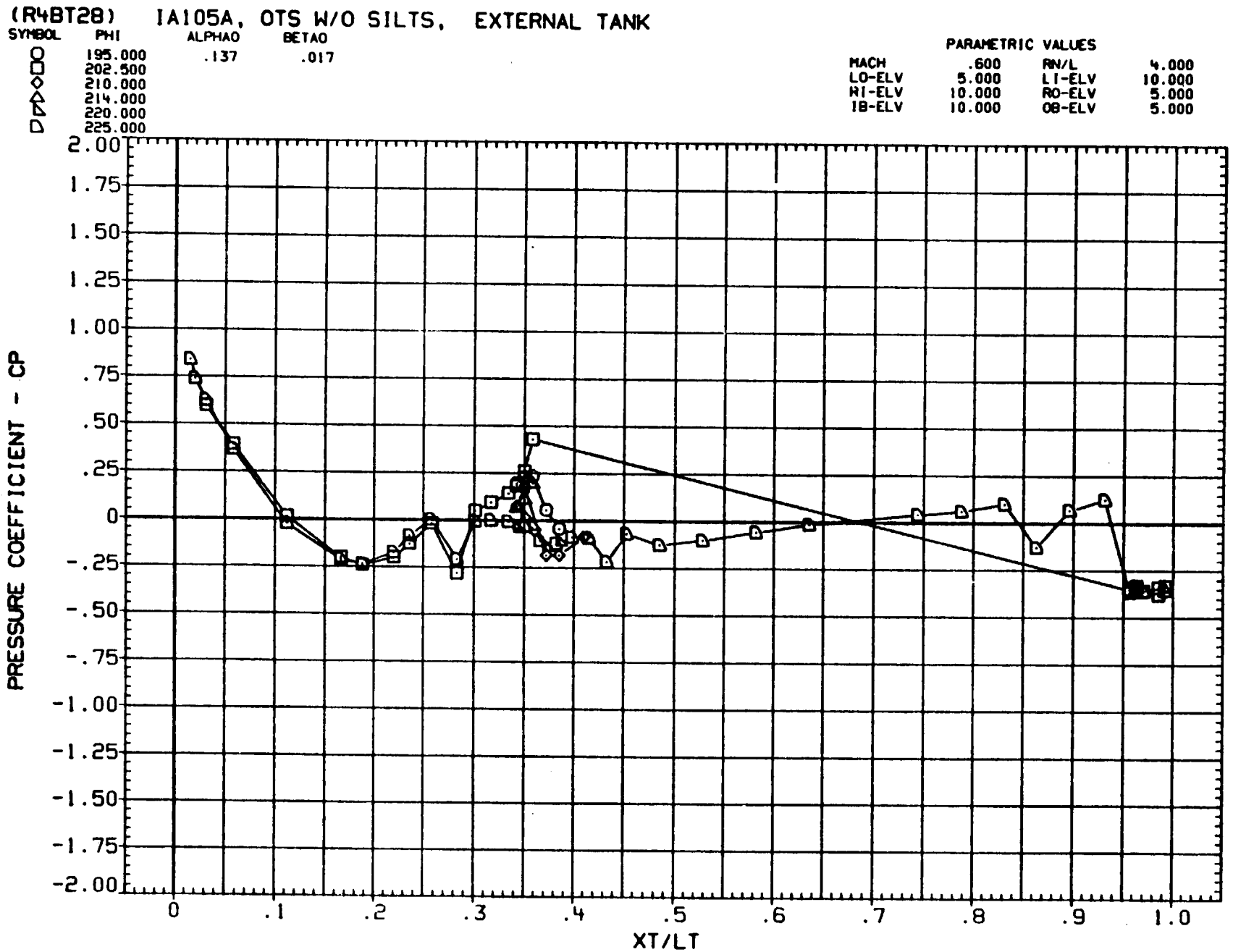

FIGURE 10. TYPICAL PRESSURE DISTRIBUTION - ET SURFACE

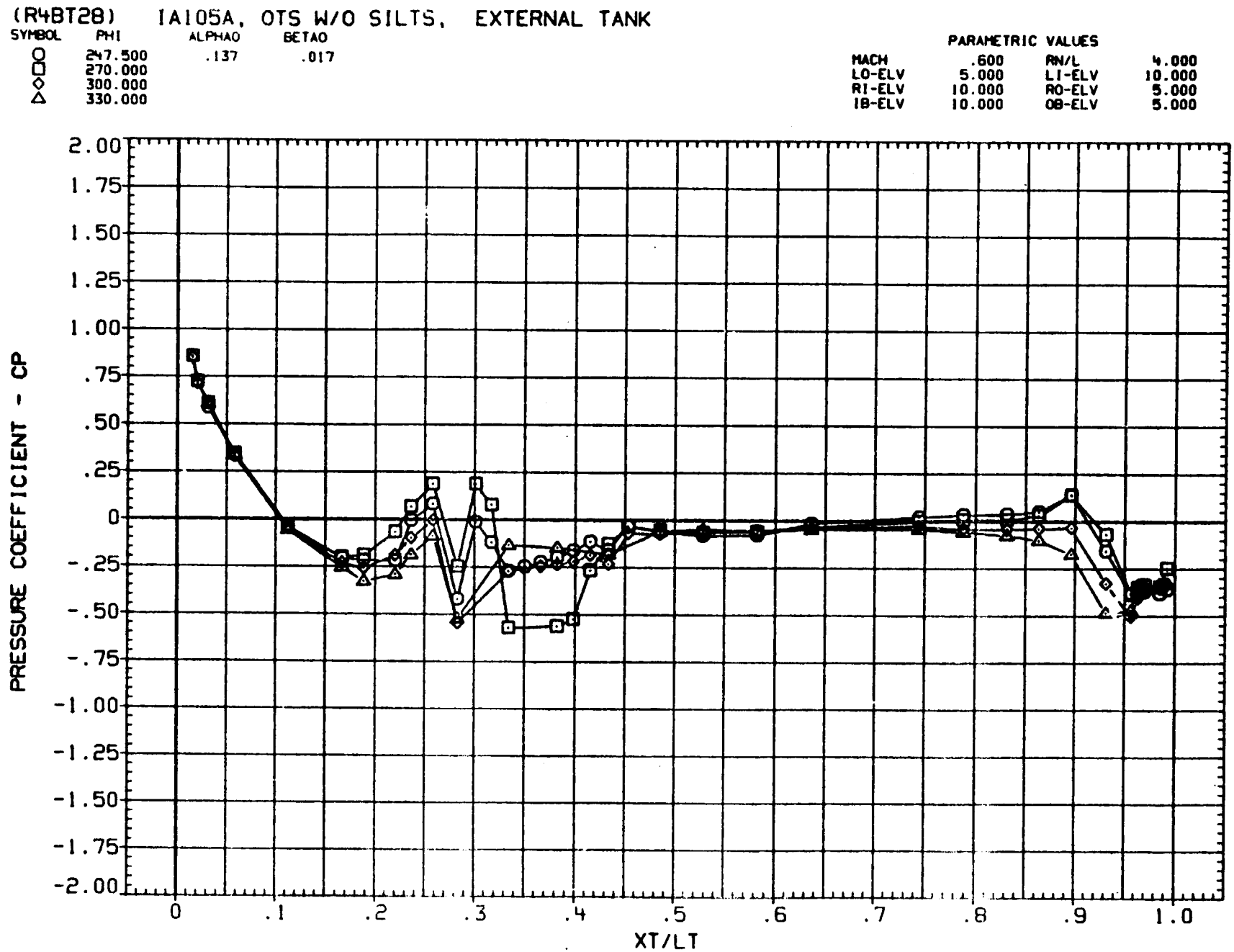

FIGURE 10. TYPICAL PRESSURE DISTRIBUTION - ET SURFACE

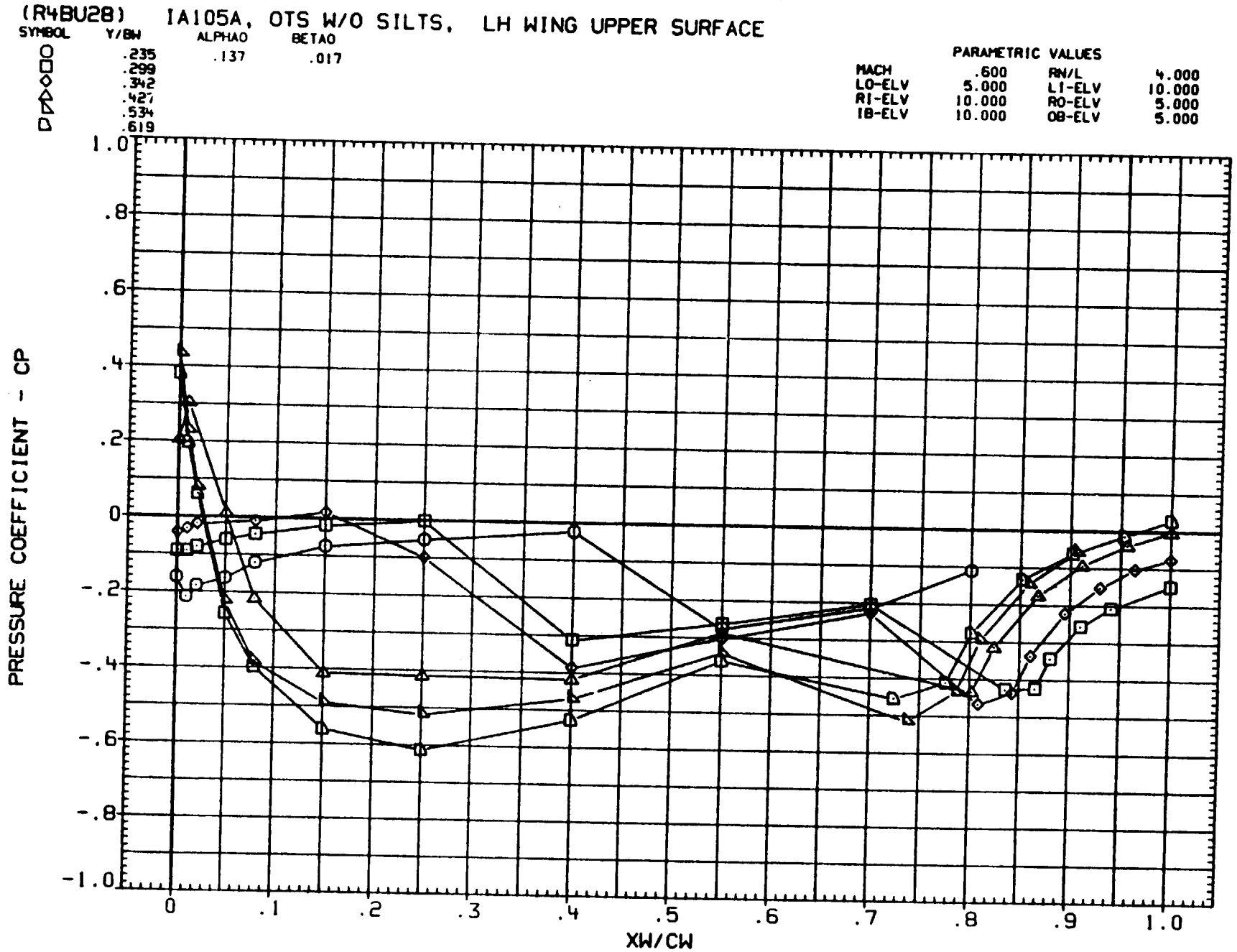

FIGURE 11. TYPICAL PRESSURE DISTRIBUTION - WING - UPPER SURFACE

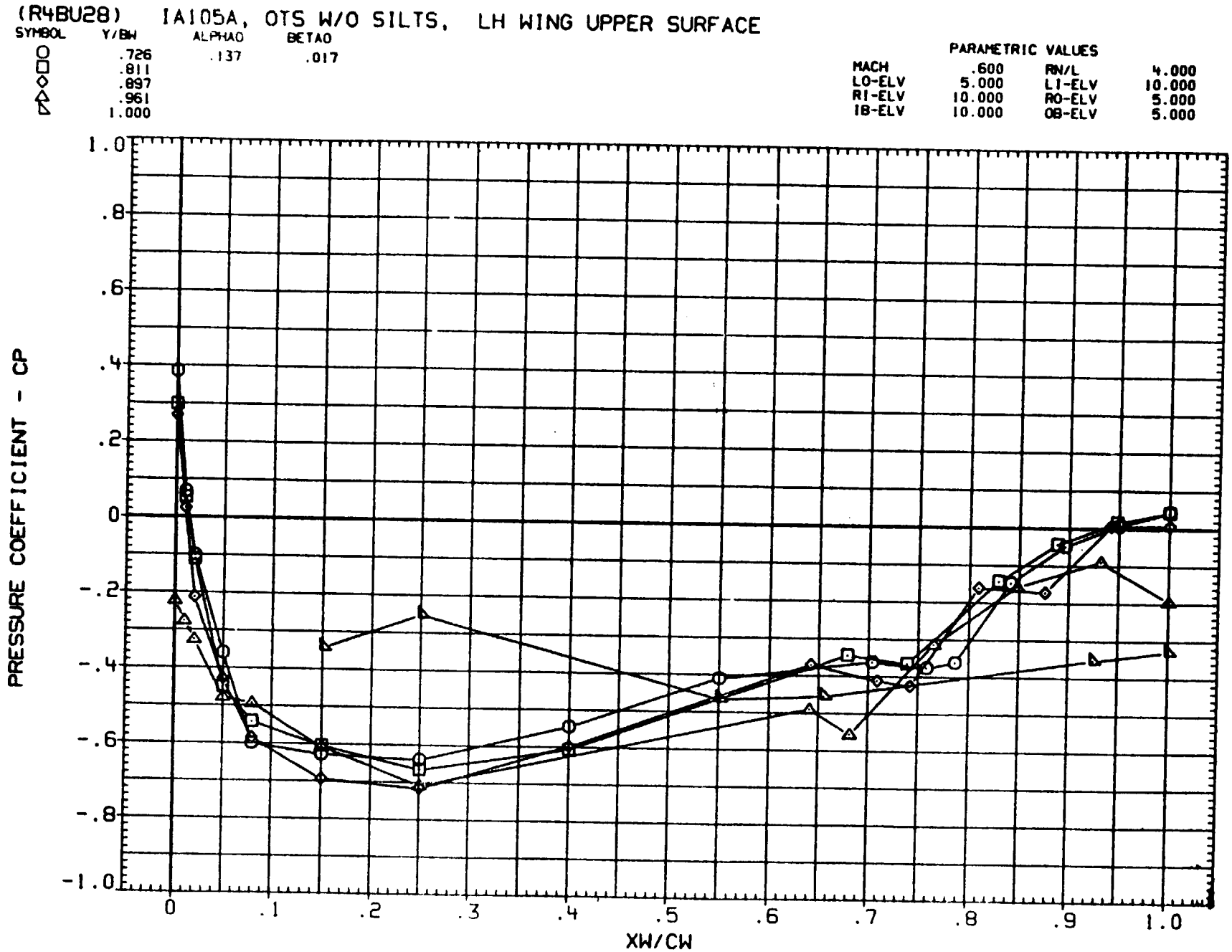

FIGURE 11. TYPICAL PRESSURE DISTRIBUTION - WING - UPPER SURFACE

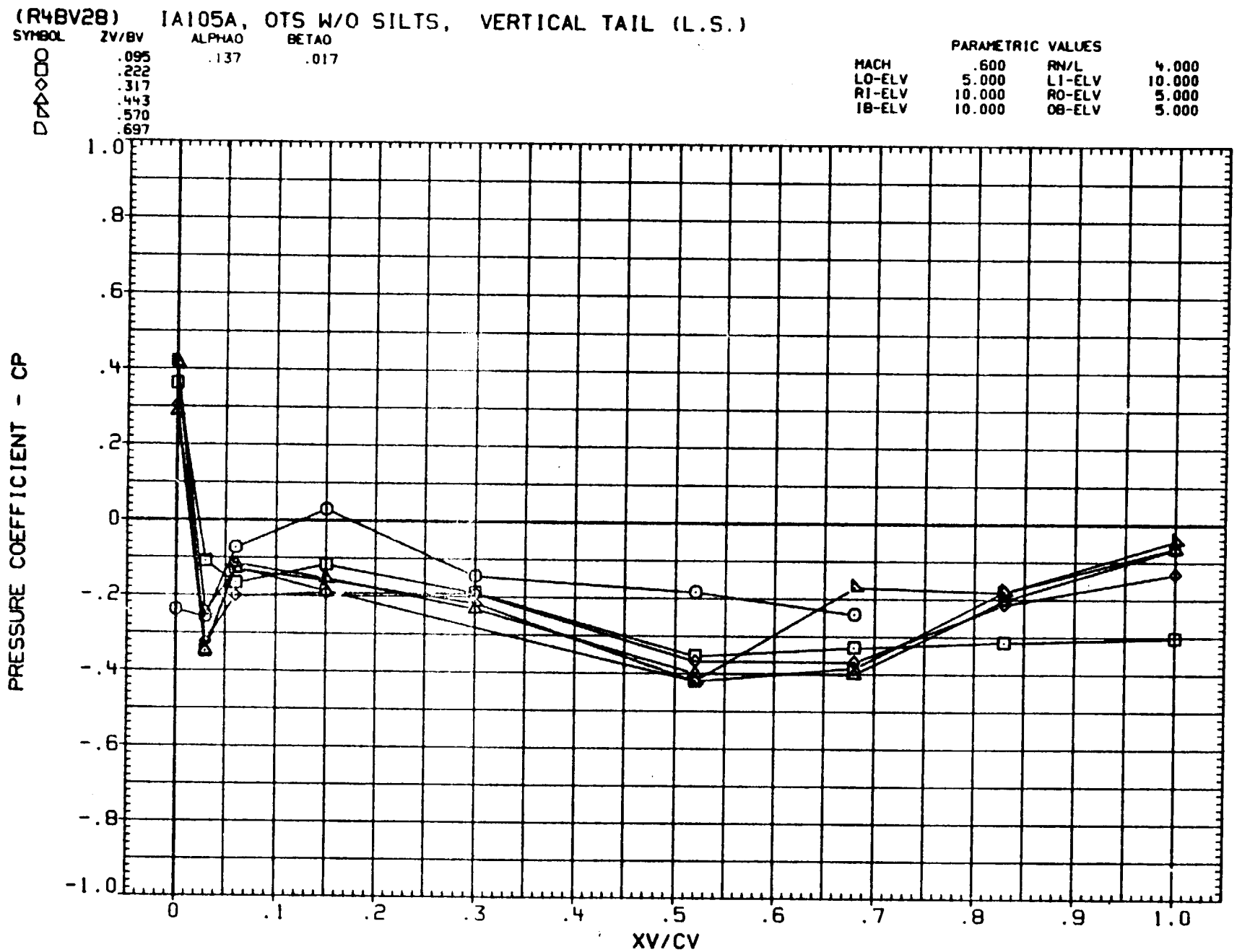

FIGURE 12. TYPICAL PRESSURE DISTRIBUTION - VERTICAL TAIL

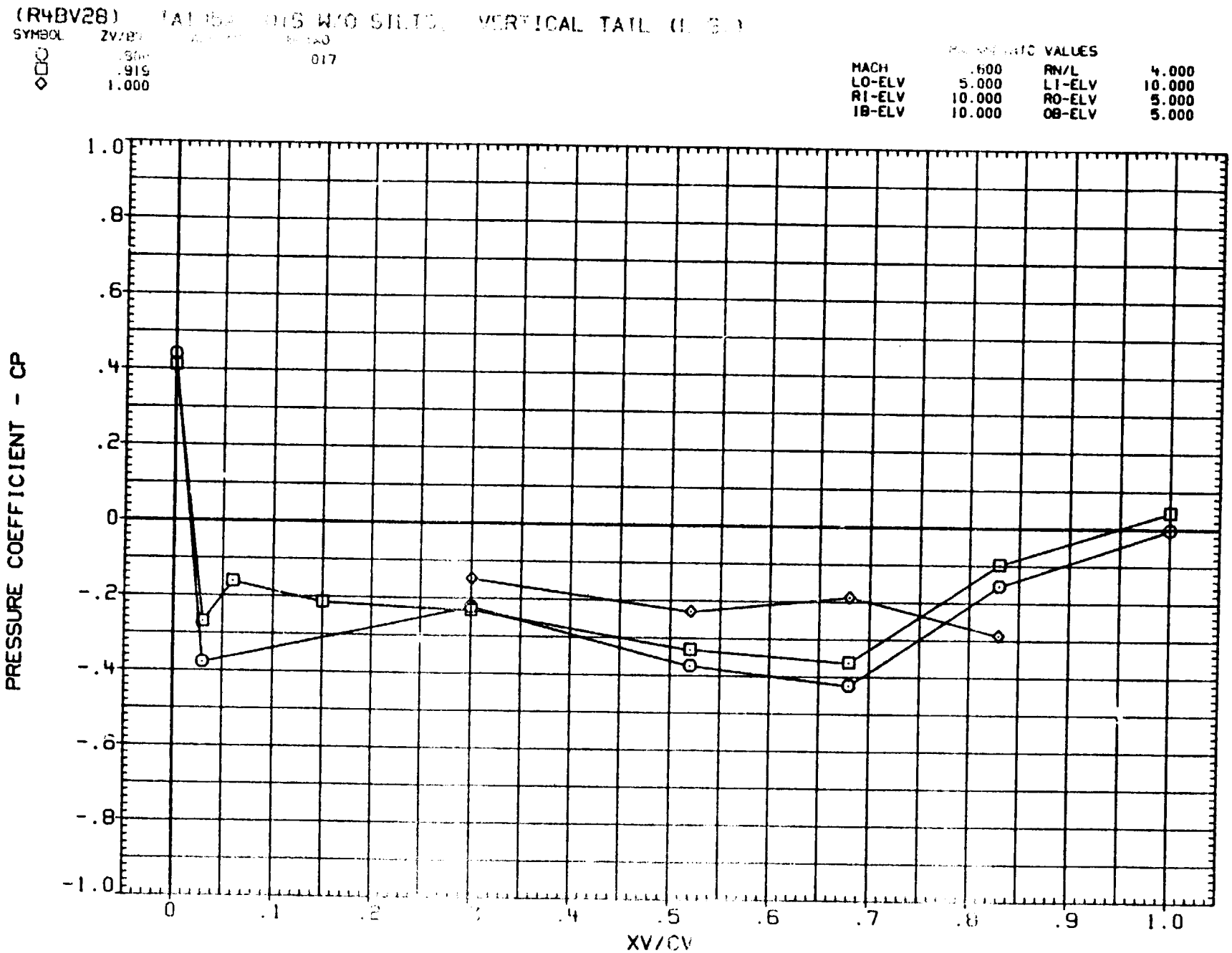

FIGURE 12. TYPICAL PRESSURE DISTRIBUTION - VERTICAL TAIL

APPENDIX

TABULATED FORCE SOURCE DATA

DATASET ID 1st CHARACTER	PAGES
R	1-113
S	114-225
T	227-339
U	340-452
V	453-565
W	566-678

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M001) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1770/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.335	-6.107	-.14610	-.17560	.15570	.10650	.14910	.16600	.15800	-.10380	.05820	-5.89090
-8.407	-3.968	-.15870	-.18600	.15440	.10940	.15920	.17490	.09550	-.06230	.03670	-3.82090
-8.312	.383	-.16530	-.19140	.15190	.10880	.16300	.17810	-.01090	.00650	-.00210	.38220
-8.048	4.365	-.15430	-.18160	.15080	.10600	.15230	.16810	-.10910	.07130	-.03740	4.23450
-7.669	6.335	-.14720	-.17590	.14970	.10240	.14480	.16140	-.16050	.10540	-.05480	6.15170
	GRADIENT	.00050	.00050	-.00043	-.00040	-.00080	-.00079	-.02455	.01603	-.00889	.96673

RUN NO. 1771/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.251	-6.190	.00550	-.02280	.14830	.10120	.03190	.04820	.14420	-.09300	.05620	-6.02970
-4.506	-4.154	-.01670	-.04370	.14850	.10410	.04920	.06490	.09410	-.06060	.03790	-4.03710
-4.126	.235	.00650	-.01930	.14760	.10480	.03070	.04550	-.00050	-.00120	.00130	.23600
-4.009	4.338	.00130	-.02580	.14550	.10100	.03200	.04760	-.09440	.05930	-.03360	4.23480
-3.618	6.313	.00960	-.01840	.14460	.09830	.02390	.04010	-.14250	.09070	-.05150	6.16940
	GRADIENT	.00216	.00215	-.00035	-.00036	-.00205	-.00206	-.02219	.01411	-.00842	.97406

RUN NO. 1772/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.196	-6.340	.16200	.13480	.14290	.09740	-.08670	-.07120	.13190	-.08400	.05580	-6.25010
-.280	-4.441	.15100	.12490	.14390	.10080	-.07870	-.06370	.09100	-.05760	.03930	-4.36890
-.281	-.171	.15130	.12600	.14380	.10200	-.07810	-.06350	.00510	-.00340	.00470	-.14180
-.250	3.566	.15190	.12630	.14320	.10090	-.07940	-.06470	-.07000	.04340	-.02630	3.55690
-.185	5.665	.15300	.12630	.14220	.09790	-.08230	-.06680	-.11490	.07200	-.04410	5.63470
	GRADIENT	.00011	.00018	-.00009	.00002	-.00008	-.00012	-.02011	.01261	-.00819	.98979

RUN NO. 1773/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.215	-5.620	.34420	.31790	.13850	.09500	-.22130	-.20610	.10060	-.06400	.04610	-5.67890
3.927	-3.617	.33020	.30460	.13930	.09730	-.21010	-.19520	.06480	-.04180	.03030	-3.66240
3.984	.250	.32550	.30050	.14170	.10030	-.20520	-.19060	.00090	-.00170	.00180	.24100
3.690	3.971	.31850	.29290	.14020	.09780	-.20110	-.18640	-.06590	.04000	-.02670	3.99610
4.001	5.946	.32870	.30120	.13870	.09310	-.21040	-.19450	-.10190	.06270	-.04210	5.98530
	GRADIENT	-.00154	-.00154	.00012	.00007	.00119	.00116	-.01722	.01078	-.00751	1.00933

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M002) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1774/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.459	-6.025	-.13060	-.15860	.15590	.10950	.13580	.15190	.15560	-.10460	.05510	-5.84830
-8.492	-3.927	-.13690	-.16330	.15670	.11280	.14080	.15590	.09770	-.06590	.03550	-3.80720
-8.386	.458	-.14370	-.16750	.15270	.11330	.14430	.15800	-.01160	.00750	-.00210	.45830
-7.998	4.430	-.13990	-.16480	.15040	.10910	.13950	.15390	-.10770	.07210	-.03560	4.32380
-7.688	6.456	-.13580	-.16190	.14780	.10460	.13450	.14950	-.15730	.10490	-.05280	6.29820
	GRADIENT	-.00038	-.00019	-.00076	-.00043	-.00014	-.00023	-.02459	.01652	-.00851	.97302

RUN NO. 1775/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.368	-6.207	.00640	-.02020	.14750	.10270	.02860	.04370	.14820	-.09880	.05290	-6.07940
-4.618	-4.129	-.01450	-.04010	.14870	.10620	.04430	.05910	.09800	-.06550	.03510	-4.03800
-4.224	.312	-.00610	-.03050	.14690	.10620	.03700	.05100	-.00430	.00200	-.00020	.31150
-3.957	4.440	-.00630	-.03060	.14180	.10160	.03390	.04800	-.09650	.06300	-.03190	4.35670
-3.571	6.374	.00710	-.01840	.14060	.09820	.02270	.03750	-.14220	.09330	-.04820	6.25820
	GRADIENT	.00097	.00112	-.00080	-.00053	-.00122	-.00130	-.02270	.01500	-.00782	.97962

RUN NO. 1776/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.292	-6.383	.15670	.13070	.14120	.09740	-.08790	-.07310	.13550	-.08910	.05270	-6.30290
-.386	-4.487	.14360	.11830	.14210	.10020	-.07810	-.06360	.09500	-.06220	.03690	-4.42120
-.408	-.242	.13500	.11110	.14310	.10350	-.07150	-.05780	.00820	-.00540	.00470	-.21170
-.387	3.497	.13080	.11410	.14170	.10080	-.07530	-.06110	-.06890	.04460	-.02340	3.49470
-.341	5.591	.14060	.11590	.13930	.09770	-.07840	-.06420	-.11420	.07380	-.04050	5.56940
	GRADIENT	-.00063	-.00055	-.00004	.00009	.00038	.00034	-.02053	.01338	-.00755	.99151

RUN NO. 1777/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.229	-5.523	.31860	.29390	.13440	.09330	-.20710	-.19300	.10440	-.06990	.04540	-5.58080
3.904	-3.517	.30520	.28100	.13690	.09720	-.19650	-.18250	.06640	-.04500	.02890	-3.55980
3.901	.324	.30360	.27980	.13810	.09880	-.19580	-.18200	-.00070	-.00160	.00140	.31320
3.590	3.997	.30510	.27990	.13850	.09660	-.19810	-.18360	-.06690	.04200	-.02540	4.01960
3.836	5.938	.30670	.27990	.13800	.09330	-.20050	-.18520	-.10450	.06640	-.04020	5.97040
	GRADIENT	-.00002	-.00015	.00021	-.00008	-.00021	-.00014	-.01774	.01158	-.00723	1.00867

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M003) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1968/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-7.961	-6.067	-.16170	-.19540	.14680	.09060	.16350	.18280	.14610	-.09260	.05670	-5.85420
-8.146	-3.987	-.18150	-.21390	.14720	.09360	.17960	.19830	.09030	-.05680	.03510	-3.85040
-8.042	.183	-.19480	-.22620	.14560	.09380	.19110	.20920	-.00710	.00380	-.00110	.18250
-7.950	4.275	-.17900	-.21250	.14740	.09210	.17640	.19570	-.10290	.06450	-.03670	4.14230
-7.725	6.307	-.16690	-.20280	.14920	.08970	.16490	.18560	-.15640	.09920	-.05760	6.10120
	GRADIENT	.00029	.00016	.00002	-.00018	-.00038	-.00031	-.02338	.01468	-.00869	.96739

RUN NO. 1969/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.155	-6.189	.00160	-.03110	.14430	.09000	.04190	.05070	.13450	-.08440	.05920	-6.01700
-4.169	-4.092	-.01260	-.04390	.14270	.09070	.05390	.07200	.08690	-.05520	.03950	-3.97350
-4.068	.185	-.02170	-.05230	.14190	.09130	.06380	.08150	-.00140	-.00020	.00030	.18390
-3.979	4.292	-.00280	-.03550	.14240	.08850	.04610	.06500	-.08940	.05460	-.03890	4.16930
-3.575	6.260	.02250	-.01100	.14400	.08870	.02420	.04350	-.13320	.08220	-.05790	6.09360
	GRADIENT	.00115	.00098	-.00004	-.00026	-.00091	-.00081	-.02103	.01309	-.00935	.97122

RUN NO. 1970/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.001	-6.345	.17280	.14060	.14150	.08780	-.08350	-.06500	.12530	-.07860	.06030	-6.26230
-.093	-4.413	.16300	.13150	.14060	.08830	-.07590	-.05780	.08650	-.05440	.04290	-4.34720
-.144	-.097	.14500	.11450	.13970	.08920	-.05990	-.04230	.00400	-.00330	.00360	-.03970
-.049	3.601	.16740	.13710	.13900	.08920	-.07880	-.06130	-.06760	.04100	-.03120	3.59430
.050	5.694	.18130	.14950	.13950	.08710	-.09220	-.07370	-.11100	.06800	-.05120	5.66920
	GRADIENT	.00042	.00057	-.00020	.00011	-.00025	-.00033	-.01923	.01190	-.00924	.99094

RUN NO. 1971/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.229	-5.657	.34820	.31650	.13590	.08310	-.21210	-.19390	.09330	-.05780	.04950	-5.73190
3.914	-3.669	.32760	.29710	.13600	.08510	-.19650	-.17900	.06170	-.03890	.03300	-3.72410
4.077	.195	.32080	.29120	.13670	.08750	-.18780	-.17070	.00400	-.00390	.00230	.18800
3.797	3.977	.33620	.30560	.13470	.08410	-.20300	-.18530	-.06210	.03700	-.03000	4.01810
4.081	5.941	.35040	.31960	.13240	.08140	-.21650	-.19870	-.09430	.05660	-.04600	6.00220
	GRADIENT	.00111	.00110	-.00017	-.00013	-.00084	-.00081	-.01619	.00992	-.00824	1.01253

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (R8M004) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1972/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.311	-6.089	-.15470	-.18710	.15130	.09730	.15600	.17450	.15240	-.09810	.05820	-5.86560
-8.340	-3.947	-.16880	-.19890	.14780	.09830	.16710	.18450	.09170	-.05820	.03610	-3.79970
-8.272	.369	-.17190	-.19980	.14550	.09940	.17050	.18660	-.01310	.00910	-.00320	.36540
-8.000	4.309	-.15070	-.18150	.14820	.09770	.15220	.17010	-.10840	.07060	-.03890	4.17050
-7.687	6.296	-.14010	-.17240	.14850	.09520	.14140	.16010	-.15960	.10380	-.05800	6.09250
	GRADIENT	.00215	.00207	.00004	-.00007	-.00176	-.00171	-.02424	.01560	-.00909	.96544

RUN NO. 1973/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.209	-6.192	.01760	-.01190	.14310	.09430	.02450	.04140	.13830	-.08780	.05910	-6.01910
-4.411	-4.134	-.00490	-.03380	.14450	.09730	.04330	.06010	.08980	-.05700	.03960	-4.00970
-4.072	.193	.00870	-.01950	.14390	.09740	.03500	.05120	-.00230	.00150	.00050	.19620
-3.985	4.306	.02090	-.00850	.14360	.09550	.02250	.03960	-.09240	.05800	-.03760	4.19050
-3.579	6.251	.03650	.00520	.14410	.09260	.00810	.02630	-.13920	.08760	-.05650	6.09080
	GRADIENT	.00306	.00300	-.00011	-.00021	-.00246	-.00243	-.02158	.01362	-.00915	.97157

RUN NO. 1974/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.005	-6.354	.19120	.16190	.14150	.09280	-.10370	-.08680	.12700	-.08010	.05800	-6.27000
-.093	-4.422	.17930	.15150	.14130	.09510	-.09480	-.07890	.08700	-.05510	.04120	-4.35560
-.083	-.160	.17710	.14960	.14220	.09650	-.09090	-.07510	.00560	-.00450	.00420	-.13320
-.023	3.578	.18590	.15750	.14130	.09450	-.09890	-.08250	-.06830	.04150	-.03000	3.67060
.045	5.687	.18900	.16020	.14060	.09330	-.10380	-.08700	-.11120	.06820	-.04960	5.66010
	GRADIENT	.00079	.00072	.00000	-.00007	-.00048	-.00042	-.01340	.01207	-.00889	.99070

RUN NO. 1975/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.226	-5.658	.36170	.33290	.13850	.09060	-.22800	-.21140	.09630	-.06020	.04770	-5.72400
3.910	-3.655	.34460	.31660	.13910	.09260	-.21500	-.19890	.06250	-.03950	.03160	-3.70450
4.076	.203	.33780	.31010	.13940	.09380	-.20680	-.19080	.00130	-.00170	.00170	.19590
3.768	3.979	.34050	.31260	.13810	.09220	-.21190	-.19570	-.06560	.04010	-.02950	4.01660
4.072	5.946	.35190	.32310	.13630	.08930	-.22280	-.20600	-.09900	.06060	-.04510	6.00050
	GRADIENT	-.00054	-.00053	-.00013	-.00005	.00041	.00043	-.01678	.01042	-.00800	1.01142

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M005) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1976/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.264	-6.050	-.13610	-.16560	.15460	.10530	.13950	.15640	.15360	-.10090	.05630	-5.84190
-8.413	-3.928	-.15220	-.18020	.15430	.10780	.15250	.16870	.09320	-.06080	.03530	-3.78890
-8.273	.410	-.15660	-.18340	.15230	.10790	.15530	.17080	-.01230	.00780	-.00340	.40170
-7.951	4.328	-.14200	-.16960	.15040	.10500	.14140	.15740	-.10780	.07070	-.03720	4.19800
-7.714	6.335	-.14110	-.17050	.15020	.10150	.13890	.15590	-.16310	.10740	-.05600	6.14680
	GRADIENT	.00120	.00125	-.00047	-.00033	-.00131	-.00134	-.02435	.01593	-.00878	.96737

RUN NO. 1977/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.284	-6.182	.00870	-.01980	.14830	.10060	.02810	.04440	.14360	-.09270	.05560	-6.02420
-4.467	-4.119	-.00790	-.03560	.14970	.10410	.04130	.05730	.09170	-.05890	.03650	-4.00680
-4.104	.232	.01460	-.01160	.14800	.10450	.02360	.03870	-.00170	-.00020	.00040	.23050
-4.008	4.339	.01170	-.01550	.14540	.10070	.02290	.03860	-.09430	.05960	-.03410	4.23440
-3.575	6.282	.02450	-.00410	.14480	.09740	.01150	.02790	-.14240	.09090	-.05200	6.13780
	GRADIENT	.00235	.00241	-.00051	-.00040	-.00219	-.00223	-.02199	.01401	-.00835	.97437

RUN NO. 1978/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.152	-6.382	.17480	.14730	.14300	.09700	-.09790	-.08230	.13200	-.08370	.05570	-6.29140
-.271	-4.437	.15890	.13230	.14310	.09900	-.08660	-.07120	.08910	-.05600	.03840	-4.36400
-.250	-.186	.16270	.13720	.14420	.10190	-.08810	-.07330	.00420	-.00260	.00400	-.15670
-.195	3.568	.16710	.14060	.14390	.10000	-.09220	-.07690	-.07140	.04460	-.02720	3.05960
-.145	5.675	.16690	.13880	.14340	.09690	-.09390	-.07780	-.11530	.07230	-.04460	5.64450
	GRADIENT	.00102	.00104	.00010	.00014	-.00069	-.00071	-.02005	.01257	-.00819	.98983

RUN NO. 1979/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.247	-5.640	.35580	.32920	.14000	.09600	-.23040	-.21510	.09980	-.06300	.04570	-5.69750
3.908	-3.625	.33660	.31100	.13960	.09760	-.21600	-.20120	.06350	-.04050	.02970	-3.66890
4.065	.239	.33660	.31110	.14240	.10030	-.21370	-.19900	-.00010	-.00090	.00100	.23220
3.723	4.002	.33160	.30530	.14110	.09740	-.21180	-.19670	-.06610	.04010	-.02730	4.02880
4.020	5.965	.33930	.31120	.14000	.09350	-.21940	-.20320	-.10170	.06240	-.04270	6.00710
	GRADIENT	-.00065	-.00074	.00020	-.00002	.00055	.00059	-.01699	.01057	-.00747	1.00934

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M006) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1980/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.422	-5.989	-.11990	-.14700	.15710	.11210	.12680	.14250	.15210	-.10240	.05370	-5.81750
-8.510	-3.882	-.13220	-.15860	.15790	.11380	.13630	.15150	.09530	-.06410	.03440	-3.76660
-8.339	.483	-.13590	-.16060	.15510	.11380	.13760	.15180	-.01360	.00900	-.00320	.47960
-7.996	4.424	-.13040	-.15520	.15060	.10960	.13120	.14540	-.10720	.07200	-.03600	4.31500
-7.654	6.404	-.12430	-.15030	.14910	.10590	.12480	.13980	-.15580	.10430	-.05240	6.24760
	GRADIENT	.00020	.00039	-.00087	-.00050	-.00060	-.00072	-.02439	.01639	-.00848	.97296

RUN NO. 1981/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.377	-6.173	.01140	-.01500	.14840	.10390	.02390	.03890	.14640	-.09760	.05220	-6.04640
-4.584	-4.124	-.00660	-.03230	.15030	.10750	.03760	.05230	.09710	-.06470	.03450	-4.03490
-4.170	.307	.00230	-.02220	.14790	.10710	.02940	.04340	-.00510	.00260	-.00070	.30560
-3.971	4.417	.00440	-.01990	.14330	.10300	.02520	.03920	-.09620	.06320	-.03210	4.33340
-3.577	6.361	.01540	-.01050	.14130	.09830	.01520	.03000	-.14280	.09410	-.04850	6.24470
	GRADIENT	.00130	.00146	-.00082	-.00052	-.00146	-.00154	-.02264	.01498	-.00780	.97974

RUN NO. 1982/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.315	-6.481	.16440	.13790	.14290	.09820	-.09450	-.07940	.13830	-.09080	.05360	-6.39930
-.385	-4.482	.14880	.12390	.14320	.10170	-.08300	-.06870	.09350	-.06100	.03620	-4.41610
-.406	-.274	.14280	.12390	.14330	.10200	-.07850	-.07040	.00680	-.00430	.00380	-.24380
-.368	3.558	.14830	.12340	.14250	.10120	-.08340	-.06900	-.07280	.04750	-.02540	3.55500
-.317	5.623	.15030	.12420	.14110	.09750	-.08640	-.07150	-.11750	.07640	-.04200	5.60240
	GRADIENT	-.00008	-.00006	-.00009	-.00006	-.00003	-.00004	-.02068	.01350	-.00766	.99149

RUN NO. 1983/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.257	-5.552	.33140	.30630	.13650	.09470	-.21740	-.20300	.10390	-.06900	.04560	-5.60990
4.126	-3.566	.31930	.29490	.13770	.09750	-.20780	-.19360	.06470	-.04350	.02850	-3.61050
3.894	.324	.31330	.28920	.13990	.10000	-.20380	-.18990	-.00100	-.00120	.00090	.31420
3.691	4.025	.31690	.29180	.13890	.09720	-.20810	-.19380	-.06860	.04310	-.02650	4.05000
3.723	5.889	.31210	.28590	.13800	.09410	-.20580	-.19090	-.10490	.06670	-.04060	5.92110
	GRADIENT	-.00033	-.00042	.00016	-.00003	-.00003	-.00002	-.01755	.01140	-.00724	1.00910

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M007) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1880/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.153	-7.944	-.06690	-.09260	.05980	.01810	.05370	.06880	.20530	-.13230	.06230	-7.82890
-8.100	-3.858	-.08660	-.10940	.06100	.02400	.06960	.08300	.10060	-.06480	.03100	-3.79720
-8.194	.353	-.11950	-.14130	.06070	.02590	.09500	.10790	-.00260	.00220	-.00180	.34730
-7.674	4.226	-.10290	-.12580	.06140	.02470	.07930	.09280	-.09650	.06160	-.02980	4.16610
-7.823	8.173	-.10710	-.13250	.05720	.01640	.07540	.09040	-.20210	.12910	-.06020	8.06370
	GRADIENT	-.00210	-.00211	.00005	.00009	.00127	.00128	-.02438	.01564	-.00752	.98503

RUN NO. 1881/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.258	-8.044	.05840	.03360	.06040	.01990	-.03330	-.01880	.18640	-.12130	.06090	-7.94270
-4.145	-3.937	.03980	.01780	.06260	.02690	-.01800	-.00520	.09340	-.06060	.03100	-3.87790
-3.991	.191	.01620	-.00450	.06270	.02950	.00180	.01410	-.00220	.00180	-.00170	.18810
-3.900	4.155	.02110	-.00130	.06200	.02610	-.00630	.00690	-.08580	.05510	-.02900	4.09700
-3.797	8.200	.03520	.01030	.05840	.01820	-.02210	-.00750	-.18090	.11710	-.05840	8.10260
	GRADIENT	-.00233	-.00238	-.00007	-.00009	.00147	.00152	-.02215	.01430	-.00742	.98557

RUN NO. 1882/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.165	-8.141	.18650	.16220	.05430	.01510	-.12120	-.10700	.16850	-.11090	.06040	-8.07200
-.241	-4.276	.16230	.14100	.05750	.02280	-.10260	-.09020	.09200	-.06020	.03300	-4.22470
-.307	-.039	.12460	.10500	.05830	.02700	-.07310	-.06150	.00270	-.00210	.00020	-.01210
-.300	3.802	.14410	.12320	.05880	.02530	-.08980	-.07750	-.07250	.04730	-.02580	3.00950
-.216	7.818	.15800	.13410	.05600	.01730	-.10510	-.09100	-.15150	.10000	-.05270	7.80680
	GRADIENT	-.00237	-.00231	.00016	.00032	.00168	.00166	-.02038	.01332	-.00729	.99464

RUN NO. 1883/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.245	-7.803	.32590	.30320	.04170	.00490	-.21810	-.20480	.13040	-.08740	.05330	-7.84940
4.168	-3.826	.31460	.29460	.04500	.01280	-.20820	-.19650	.06450	-.04340	.02520	-3.85480
4.133	.189	.29410	.27500	.04830	.01780	-.19050	-.17920	-.00690	.00410	-.00310	.18990
4.131	4.093	.30520	.28390	.04830	.01400	-.20250	-.19000	-.06630	.04300	-.02630	4.12160
3.880	7.976	.29910	.27550	.04450	.00620	-.20340	-.18960	-.13120	.08730	-.05090	8.01500
	GRADIENT	-.00121	-.00137	.00042	.00016	.00074	.00084	-.01652	.01091	-.00651	1.00726

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M007) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1884/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
8.298	-7.841	.45120	.42840	.02840	-.00850	-.30590	-.29260	.11170	-.07490	.05320	-7.95890
8.153	-3.780	.43830	.41870	.02990	-.00180	-.29610	-.28450	.05420	-.03670	.02480	-3.83790
7.784	.148	.40920	.39060	.03400	.00420	-.27150	-.26040	-.00340	.00190	-.00180	.15010
8.124	4.136	.44240	.42230	.03150	-.00050	-.29910	-.28720	-.05510	.03600	-.02440	4.18880
8.198	8.104	.44630	.42360	.02840	-.00790	-.30570	-.29230	-.11050	.07380	-.04970	8.20910
	GRADIENT	.00054	.00047	.00020	.00016	-.00040	-.00036	-.01380	.00918	-.00621	1.01393

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M008) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1886/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.279	-5.998	-.06500	-.09030	.07200	.03050	.05510	.06980	.15610	-.10080	.04840	-5.88440
-8.366	-3.869	-.08120	-.10520	.07340	.03420	.06740	.08140	.10100	-.06470	.03160	-3.79130
-8.076	.195	-.11270	-.13550	.07160	.03470	.09240	.10570	.00110	-.00070	.00100	.13910
-8.013	4.248	-.10430	-.12890	.07120	.03120	.08160	.09590	-.10070	.06420	-.03000	4.17850
-7.743	6.229	-.09290	-.11850	.06990	.02800	.07010	.08500	-.15430	.09900	-.04620	6.12560
	GRADIENT	-.00285	-.00292	-.00027	-.00037	.00175	.00179	-.02485	.01588	-.00759	.98177

RUN NO. 1887/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.255	-6.106	.07160	.04800	.06880	.03010	-.04100	-.02720	.14560	-.09530	.04870	-6.00640
-4.447	-4.069	.05140	.02820	.06980	.03170	-.02610	-.01260	.09510	-.06160	.03210	-3.99610
-4.118	.197	.02390	.00200	.06960	.03390	-.00270	.01010	-.00160	.00110	-.00020	.19750
-3.932	4.254	.03810	.01500	.06880	.03120	-.01810	-.00460	-.08990	.05790	-.02990	4.18560
-3.633	6.217	.05850	.03350	.06790	.02710	-.03530	-.02070	-.13890	.09050	-.04580	6.12380
	GRADIENT	-.00164	-.00163	-.00012	-.00006	.00100	.00100	-.02223	.01436	-.00745	.98299

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M008) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 0.000 OB-ELV = 5.000

RUN NO. 1888/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.119	-6.239	.21780	.19450	.06280	.02450	-.14180	-.12830	.13060	-.08630	.04850	-6.17270
-.194	-4.375	.19850	.17620	.06350	.02670	-.12790	-.11500	.09070	-.05950	.03380	-4.31930
-.281	-.117	.15280	.13180	.06510	.03100	-.09170	-.07940	.00240	-.00210	.00110	-.08980
-.268	3.625	.17470	.15370	.06370	.02950	-.11130	-.09910	-.07200	.04690	-.02540	3.62840
-.217	5.706	.18510	.16190	.06370	.02590	-.12130	-.10780	-.11510	.07630	-.04060	5.69820
	GRADIENT	-.00315	-.00299	.00003	.00037	.00222	.00213	-.02035	.01330	-.00741	.99341

RUN NO. 1889/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.159	-5.706	.36720	.34500	.05190	.01540	-.24680	-.23390	.10000	-.06720	.04150	-5.75190
3.873	-3.694	.35100	.33000	.05280	.01850	-.23470	-.22260	.06490	-.04360	.02680	-3.72840
4.116	.203	.32850	.30830	.05420	.02170	-.21510	-.20330	-.00700	.00390	-.00210	.20030
3.744	4.005	.33660	.31470	.05560	.01980	-.22520	-.21250	-.06780	.04400	-.02710	4.03400
4.015	5.993	.35320	.33020	.05450	.01700	-.23910	-.22570	-.10350	.06870	-.04080	6.03400
	GRADIENT	-.00189	-.00200	.00036	.00017	.00125	.00133	-.01724	.01138	-.00700	1.00821

RUN NO. 1890/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.357	-5.725	.43780	.41580	.04920	.01330	-.29540	-.28270	.09540	-.06430	.03910	-5.79110
6.053	-3.721	.42390	.40340	.04890	.01560	-.28560	-.27370	.06160	-.04200	.02530	-3.76720
6.002	.205	.40440	.38500	.04900	.01770	-.26830	-.25690	-.00540	.00270	-.00110	.20080
5.611	3.998	.40460	.38360	.05030	.01600	-.27210	-.25990	-.06560	.04290	-.02480	4.03140
5.980	5.959	.42100	.39790	.05020	.01250	-.28600	-.27250	-.09780	.06510	-.03750	6.01280
	GRADIENT	-.00252	-.00258	.00018	.00005	.00176	.00180	-.01648	.01100	-.00649	1.01042

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M009) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1893/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.254	-3.927	-.09830	-.12540	.09190	.04720	.08690	.10250	.10360	-.06580	.03390	-3.83060
-8.075	.189	-.14080	-.16570	.09200	.05130	.12200	.13650	-.00170	.00150	.00070	.19610
-7.977	4.254	-.12690	-.15390	.09260	.04830	.10590	.12160	-.10270	.06440	-.03060	4.17530
	GRADIENT	-.00351	-.00350	.00009	.00014	.00234	.00235	-.02522	.01592	-.00788	.97858

RUN NO. 1894/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.281	-3.976	-.03120	-.05800	.09020	.04600	.03940	.05490	.09940	-.06350	.03420	-3.88340
-6.085	.197	-.06940	-.09450	.08970	.04860	.07120	.08590	-.00120	.00070	.00080	.20160
-5.725	4.360	-.04860	-.07430	.08940	.04710	.05030	.06530	-.09870	.06230	-.03140	4.27880
	GRADIENT	-.00209	-.00196	-.00010	.00013	.00131	.00125	-.02377	.01509	-.00787	.97924

RUN NO. 1895/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.132	-4.083	.04730	.02180	.08660	.04460	-.01660	-.00190	.09440	-.06060	.03430	-3.99830
-4.108	.193	.00370	-.02000	.08690	.04820	.01910	.03290	-.00190	.00100	.00030	.19490
-3.934	4.272	.02160	-.00350	.08630	.04490	.00060	.01510	-.09160	.05780	-.03120	4.19370
	GRADIENT	-.00313	-.00308	-.00004	.00004	.00211	.00208	-.02226	.01417	-.00784	.98044

RUN NO. 1896/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-2.329	-4.186	.11600	.09120	.08360	.04260	-.06510	-.05080	.09220	-.06010	.03510	-4.11110
-2.195	.195	.07630	.05350	.08330	.04580	-.03280	-.01950	-.00430	.00230	-.00100	.19220
-1.657	4.284	.11010	.08550	.08260	.04220	-.06170	-.04750	-.08680	.05530	-.03240	4.21250
	GRADIENT	-.00080	-.00077	-.00012	-.00004	.00048	.00047	-.02114	.01363	-.00797	.98272

RUN NO. 1897/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.149	-4.346	.20310	.17950	.07980	.04070	-.12550	-.11190	.08970	-.05900	.03560	-4.28880
-.276	-.315	.14960	.12740	.07910	.04290	-.08380	-.07080	.00680	-.00530	.00350	-.28710
-.262	3.550	.17110	.14720	.08060	.04120	-.10250	-.08860	-.07110	.04580	-.02660	3.55050
	GRADIENT	-.00412	-.00415	.00010	.00007	.00297	.00300	-.02037	.01327	-.00788	.99277

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M009) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1898/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
2.228	-3.734	.29940	.27670	.07440	.03700	-.19460	-.18150	.07150	-.04810	.02830	-3.75550
1.764	.199	.24390	.22210	.07540	.03980	-.15070	-.13790	-.00540	.00250	-.00160	.19520
1.707	3.848	.26500	.24140	.07800	.03900	-.16970	-.15600	-.07240	.04680	-.02820	3.86330
	GRADIENT	-.00466	-.00478	.00047	.00027	.00339	.00346	-.01899	.01252	-.00745	1.00484

RUN NO. 1899/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
3.923	-3.764	.36350	.34110	.07290	.03620	-.24030	-.22730	.06860	-.04570	.02810	-3.79910
4.043	.199	.33480	.31290	.07470	.03910	-.21540	-.20270	-.00550	.00230	-.00180	.19520
3.785	3.998	.34800	.32380	.07520	.03520	-.22950	-.21550	-.07070	.04570	-.02830	4.02840
	GRADIENT	-.00203	-.00226	.00030	-.00012	.00143	.00155	-.01795	.01178	-.00727	1.00837

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M010) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1901/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.289	-6.033	-.10070	-.13120	.11230	.06180	.09490	.11240	.16220	-.10450	.05350	-5.88050
-8.346	-3.938	-.11330	-.14300	.11320	.06400	.10550	.12260	.10630	-.06820	.03590	-3.83000
-8.089	.183	-.14880	-.17680	.11220	.06620	.13500	.15120	.00010	.00010	.00140	.19240
-8.013	4.265	-.14740	-.17730	.11330	.06350	.12880	.14600	-.10870	.06950	-.03320	4.17770
-7.736	6.249	-.12990	-.15640	.11130	.05880	.11180	.12880	-.16290	.10560	-.05060	6.11900
	GRADIENT	-.00416	-.00419	.00001	-.00006	.00285	.00286	-.02621	.01679	-.00842	.97625

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M010) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1902/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.236	-6.147	.04770	.01840	.10800	.05920	-.01150	.00540	.14710	-.09450	.05340	-6.01840
-4.426	-4.102	.02720	-.00100	.10860	.06170	.00450	.02070	.09850	-.06290	.03650	-4.00720
-4.143	.188	-.00780	-.03390	.10730	.06440	.03430	.04940	-.00060	.00010	.00070	.18970
-3.954	4.286	.00940	-.01820	.10670	.06070	.01580	.03170	-.09270	.05810	-.03230	4.20090
-3.660	6.249	.02960	-.00020	.10630	.05660	-.00260	.01460	-.14250	.09130	-.04970	6.13270
	GRADIENT	-.00217	-.00209	-.00023	-.00011	.00139	.00135	-.02280	.01443	-.00820	.97853

RUN NO. 1903/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.015	-6.276	.21320	.18540	.09870	.05250	-.12860	-.11270	.12410	-.07980	.05110	-6.20310
-.092	-4.420	.19640	.16970	.09760	.05320	-.11660	-.10140	.08700	-.05550	.03670	-4.35890
-.223	-.107	.13290	.10790	.09940	.05820	-.06670	-.05220	.00230	-.00250	.00180	-.08170
-.194	3.616	.16150	.13560	.09900	.05610	-.09130	-.07640	-.07120	.04430	-.02790	3.61180
-.139	5.689	.17680	.14950	.09920	.05390	-.10570	-.09000	-.11540	.07380	-.04470	5.67140
	GRADIENT	-.00462	-.00451	.00018	.00038	.00337	.00333	-.01969	.01242	-.00804	.99193

RUN NO. 1904/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.169	-5.692	.37250	.34690	.08880	.04610	-.24400	-.22930	.09430	-.06030	.04110	-5.73850
4.103	-3.694	.36330	.33880	.08780	.04740	-.23680	-.22270	.06190	-.04000	.02730	-3.73240
4.038	.185	.32940	.30450	.08980	.04920	-.20780	-.19330	-.00570	.00280	-.00240	13410
3.749	3.981	.34190	.31610	.09150	.04890	-.22110	-.20620	-.06410	.03910	-.02730	4.00980
4.066	5.959	.35990	.33320	.09020	.04590	-.23650	-.22120	-.09890	.06280	-.04210	6.00430
	GRADIENT	-.00281	-.00298	.00048	.00020	.00207	.00217	-.01642	.01031	-.00712	1.00880

1A105A, AEDC PWT-TF470, O T S W/SILTS (RBM011) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 5.000

RUN NO. 1907/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.284	-4.251	-.15120	-.18650	.13740	.07880	.14780	.16800	.11100	-.06890	.04180	-4.09760
-8.113	.173	-.18390	-.21720	.14180	.08660	.17580	.19490	-.00040	.00050	.00150	.18430
-8.036	4.288	-.17720	-.21250	.13910	.08050	.16620	.18650	-.10470	.06460	-.03590	4.16600
	GRADIENT	-.00310	-.00309	.00021	.00022	.00221	.00222	-.02526	.01563	-.00910	.96770

RUN NO. 1908/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.291	-4.030	-.07820	-.11170	.13550	.07970	.09470	.11400	.09780	-.05990	.03920	-3.89580
-6.127	.258	-.10770	-.14160	.13860	.08240	.11980	.13940	-.00390	.00260	-.00010	.26070
-5.899	4.393	-.09440	-.12890	.13670	.08010	.10580	.12480	-.10120	.06150	-.03720	4.27070
	GRADIENT	-.00195	-.00207	.00015	.00005	.00135	.00131	-.02363	.01441	-.00907	.96956

RUN NO. 1909/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.088	-4.120	.00870	-.02460	.13260	.07700	.03250	.05160	.09270	-.05650	.03960	-4.00250
-4.128	.188	-.02890	-.06150	.13750	.08320	.06410	.08290	-.00180	.00120	.00020	.18940
-3.900	4.332	-.00970	-.04320	.13360	.07800	.04480	.06410	-.09120	.05380	-.03700	4.21790
	GRADIENT	-.00222	-.00224	.00012	.00013	.00149	.00152	-.02176	.01305	-.00906	.97257

RUN NO. 1910/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-2.409	-4.211	.08050	.04720	.13230	.07670	-.01910	.00000	.08890	-.05380	.04090	-4.10910
-2.124	.201	.05810	.02680	.13040	.07880	.00060	.01860	-.00430	.00230	-.00130	.19770
-1.894	4.307	.07540	.04220	.13000	.07490	-.01730	.00180	-.08480	.04920	-.03780	4.20760
	GRADIENT	-.00065	-.00064	-.00027	-.00020	.00026	.00026	-.02040	.01210	-.00924	.97632

RUN NO. 1911/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.018	-4.363	.18330	.15070	.12890	.07450	-.09400	-.07540	.08310	-.05050	.04180	-4.29760
-.117	-.311	.14480	.11380	.12700	.07530	-.06320	-.04540	.00740	-.00430	.00570	-.27980
-.100	3.545	.16120	.12950	.12640	.07390	-.07750	-.05930	-.06690	.04180	-.03000	3.54210
	GRADIENT	-.00285	-.00274	-.00032	-.00007	.00213	.00208	-.01897	.01167	-.00908	.99138

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M011) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1912/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
2.256	-3.712	.28360	.25320	.12350	.07230	-.16810	-.15080	.06700	-.04420	.03180	-3.74140
1.813	.193	.23960	.20820	.12910	.07740	-.13180	-.11360	-.00440	.00170	-.00130	.18820
1.750	3.820	.25720	.22620	.12430	.07300	-.14890	-.13110	-.06900	.04280	-.03130	3.83800
	GRADIENT	-.00360	-.00369	.00012	.00011	.00263	.00270	-.01806	.01155	-.00838	1.00628

RUN NO. 1913/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
3.865	-3.737	.35190	.32020	.12120	.06780	-.21820	-.20020	.06270	-.04040	.03080	-3.78410
4.048	.199	.33440	.30400	.12470	.07480	-.20100	-.18340	-.00410	.00110	-.00100	.19310
3.794	3.962	.34700	.31520	.11970	.06680	-.21510	-.19680	-.06390	.03840	-.02970	3.99920
	GRADIENT	-.00067	-.00068	-.00019	-.00012	.00043	.00047	-.01645	.01024	-.00786	1.01097

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M012) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1914/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.347	-6.106	-.15140	-.18820	.14540	.08430	.15110	.17230	.16350	-.10260	.06120	-5.88150
-8.364	-3.993	-.17320	-.20840	.14440	.08620	.16780	.18810	.10460	-.06520	.04000	-3.83960
-8.072	.184	-.19130	-.22560	.14730	.09050	.18350	.20330	-.00180	.00130	.00070	.19160
-8.022	4.308	-.18750	-.22440	.14770	.08680	.17750	.19880	-.10890	.06760	-.03810	4.17460
-7.665	6.314	-.16430	-.20150	.14520	.08370	.15660	.17800	-.16610	.10370	-.05860	6.11460
	GRADIENT	-.00173	-.00193	.00040	.00007	.00117	.00129	-.02572	.01600	-.00941	.96554

IA105A, AEDC PWT-TF470, O T S W/SILTS (RBM012) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1915/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.193	-6.207	.02890	-.00710	.14210	.08230	.01820	.03880	.14460	-.08940	.06260	-6.02650
-4.444	-4.180	-.00560	-.03980	.14250	.08570	.04510	.06470	.09790	-.06000	.04330	-4.04540
-4.113	.188	-.03120	-.06490	.14230	.08630	.06810	.08760	-.00290	.00160	-.00040	.18730
-4.012	4.321	-.00800	-.04300	.14220	.08460	.04560	.06580	-.09520	.05680	-.04010	4.19500
-3.557	6.286	.02380	-.01230	.14250	.08290	.01850	.03930	-.14160	.08560	-.05970	6.11520
	GRADIENT	-.00033	-.00043	-.00004	-.00013	.00011	.00018	-.02272	.01374	-.00981	.96935

RUN NO. 1916/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.121	-6.312	.20740	.17270	.13880	.08100	-.11170	-.09180	.12650	-.07760	.06210	-6.22710
.024	-4.419	.19050	.15700	.13710	.08120	-.09870	-.07950	.09210	-.05690	.04560	-4.35020
-.112	-.153	.15250	.12000	.13940	.08540	-.06700	-.04830	.01080	-.00730	.00670	-.12190
-.089	3.594	.16940	.13510	.14220	.08550	-.08140	-.06160	-.06240	.03680	-.02970	3.58720
.004	5.689	.18070	.14530	.14480	.08630	-.09220	-.07170	-.10560	.06380	-.04970	5.66390
	GRADIENT	-.00278	-.00287	.00063	.00055	.00228	.00235	-.01928	.01169	-.00939	.99065

RUN NO. 1941/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.346	-5.638	.36470	.32870	.13900	.07890	-.22240	-.20180	.08560	-.05280	.04540	-5.71000
3.871	-3.631	.33750	.30270	.13830	.08020	-.20290	-.18300	.05440	-.03390	.02900	-3.67990
3.867	.190	.31270	.27800	.14390	.08640	-.17970	-.15970	-.00630	.00300	-.00230	.13680
3.849	3.958	.33490	.30060	.13920	.08220	-.20230	-.18250	-.05930	.03410	-.02990	3.99890
3.893	5.830	.34560	.30930	.14020	.07990	-.21190	-.19090	-.09290	.05560	-.04620	5.88790
	GRADIENT	-.00036	-.00029	.00012	.00027	.00009	.00008	-.01499	.00896	-.00776	1.01190

IA105A, AEDC PWT-TF470, D T S W/SILTS (R8M013) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1918/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.281	-6.346	-.14060	-.17460	.14550	.08880	.14250	.16200	.17190	-.10870	.06490	-6.10430
-8.396	-3.983	-.16980	-.20250	.14460	.09070	.16510	.18400	.11100	-.07070	.04100	-3.83200
-8.095	.187	-.19430	-.22520	.14460	.09360	.18560	.20350	.00080	-.00070	.00120	.19390
-7.997	4.295	-.18280	-.21660	.14700	.09140	.17320	.19280	-.11250	.07150	-.03830	4.16710
-7.721	6.342	-.16330	-.19950	.14800	.08830	.15590	.17670	-.16850	.10590	-.05970	6.13500
	GRADIENT	-.00158	-.00171	.00029	.00009	.00099	.00107	-.02700	.01718	-.00958	.96622

RUN NO. 1919/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.213	-6.215	.03600	.00300	.14450	.08970	.01150	.03040	.14810	-.09240	.06460	-6.02690
-4.414	-4.150	.01050	-.02100	.14210	.09000	.03100	.04920	.10350	-.06620	.04550	-4.01610
-4.116	.190	-.01590	-.04680	.14330	.09220	.05610	.07390	.00010	-.00050	.00030	.13010
-4.004	4.325	.00120	-.03080	.14050	.08790	.03610	.05470	-.10100	.06310	-.04150	4.20090
-3.590	6.299	.02600	-.00790	.14560	.08990	.01540	.03500	-.14800	.09040	-.06150	6.12300
	GRADIENT	-.00114	-.00120	-.00018	-.00024	.00064	.00069	-.02412	.01525	-.01027	.96945

RUN NO. 1920/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.143	-6.307	.21870	.18660	.14050	.08730	-.12210	-.10360	.13080	-.08090	.06280	-6.22230
.072	-4.418	.20610	.17510	.14090	.08940	-.11200	-.09410	.09370	-.05890	.04620	-4.35090
-.073	-.151	.17410	.14380	.14180	.09180	-.08600	-.06850	.01210	-.01010	.00550	-.12480
-.041	3.586	.18530	.15340	.14350	.09100	-.09470	-.07620	-.07080	.04400	-.03200	3.58070
.055	5.686	.19810	.16570	.14210	.08890	-.10760	-.08480	-.11170	.06920	-.05090	5.66230
	GRADIENT	-.00271	-.00282	.00032	.00021	.00225	.00232	-.02052	.01282	-.00977	.99099

RUN NO. 1921/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.208	-5.635	.36580	.33280	.13820	.08320	-.22760	-.20870	.09280	-.05840	.04810	-5.70830
3.877	-3.650	.34900	.31760	.13950	.08710	-.21440	-.19630	.06220	-.04020	.03220	-3.70420
4.040	.195	.33770	.30650	.14150	.08990	-.20200	-.18400	-.00150	-.00090	-.00040	.18900
3.768	3.951	.34790	.31680	.13760	.08630	-.21440	-.19650	-.06170	.03610	-.03060	3.99220
4.067	5.908	.36450	.33350	.13560	.08450	-.22970	-.21180	-.09480	.05670	-.04580	5.96610
	GRADIENT	-.00016	-.00012	-.00025	-.00010	.00001	-.00001	-.01630	.01004	-.00826	1.01248

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M014) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1923/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.127	-4.013	-.13880	-.16900	.14960	.10010	.14210	.15960	.09940	-.06290	.03970	-3.85140
-8.066	.197	-.14810	-.17670	.14650	.09940	.14950	.16600	-.00330	.00310	.00000	.20450
-8.004	4.321	-.15050	-.18170	.14930	.09820	.14870	.16680	-.10770	.06930	-.03900	4.17850
	GRADIENT	-.00141	-.00152	-.00004	-.00023	.00080	.00087	-.02485	.01586	-.00944	.96346

RUN NO. 1924/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.292	-4.055	-.06460	-.09470	.14780	.09840	.08570	.10320	.09420	-.05900	.03980	-3.90680
-6.110	.204	-.06540	-.09410	.14610	.09890	.08760	.10410	-.00490	.00410	-.00030	.20980
-6.007	4.339	-.06680	-.09790	.14860	.09750	.08570	.10370	-.10100	.06360	-.03870	4.20530
	GRADIENT	-.00026	-.00038	.00009	-.00011	.00000	.00006	-.02325	.01461	-.00935	.96642

RUN NO. 1925/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.275	-4.114	.02340	-.00630	.14600	.09730	.01980	.03710	.09010	-.05620	.04020	-3.98760
-4.122	.196	.02010	-.00810	.14580	.09920	.02380	.04020	-.00360	.00290	-.00030	.19830
-3.991	4.313	.02280	-.00710	.14620	.09730	.01820	.03560	-.09220	.05710	-.03730	4.19590
	GRADIENT	-.00008	-.00010	.00002	.00000	-.00018	-.00017	-.02163	.01345	-.00920	.97099

RUN NO. 1926/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-2.439	-4.223	.10310	.07360	.14570	.09730	-.03890	-.02190	.08710	-.05430	.04050	-4.11900
-2.137	.202	.10880	.08090	.14540	.09930	-.04230	-.02620	-.00570	.00370	-.00140	.20000
-1.887	4.328	.11330	.08400	.14440	.09640	-.04890	-.03190	-.08720	.05300	-.03750	4.22940
	GRADIENT	.00119	.00122	-.00015	-.00010	-.00116	-.00117	-.02039	.01255	-.00913	.97630

RUN NO. 1927/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.021	-4.370	.20460	.17650	.14350	.09690	-.11540	-.09920	.08710	-.05530	.04110	-4.30520
-.056	-.314	.19440	.16600	.14450	.09760	-.10640	-.09010	.00770	-.00580	.00480	-.28630
-.054	3.545	.19340	.16510	.14420	.09770	-.10710	-.09070	-.06860	.04180	-.03010	3.53720
	GRADIENT	-.00142	-.00145	.00009	.00010	.00106	.00108	-.01967	.01227	-.00900	.99087

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (R8M014) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1928/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
2.250	-3.701	.30380	.27590	.14210	.09800	-.18770	-.17160	.06690	-.04310	.03210	-3.72810
2.113	.213	.28060	.25320	.14160	.09670	-.16800	-.15200	-.00690	.00330	-.00180	.20710
1.739	3.804	.27110	.24280	.14260	.09600	-.16370	-.14730	-.06960	.04270	-.03130	3.81900
	GRADIENT	-.00438	-.00443	.00006	.00000	.00323	.00326	-.01820	.01144	-.00845	1.00565

RUN NO. 1929/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
3.952	-3.713	.36490	.33670	.14060	.09400	-.23170	-.21540	.06260	-.04040	.03100	-3.76450
4.034	.205	.35420	.32640	.14180	.09620	-.22080	-.20470	-.00590	.00260	-.00140	.19810
3.772	3.951	.34870	.32030	.14060	.09400	-.22020	-.20380	-.06650	.04050	-.03060	3.99000
	GRADIENT	-.00212	-.00214	.00000	.00000	.00151	.00152	-.01685	.01056	-.00804	1.01173

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (R8M015) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1931/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.234	-6.080	-.11740	-.14750	.15490	.10460	.12300	.14030	.16260	-.10780	.05850	-5.87250
-8.418	-3.969	-.13830	-.16650	.15400	.10730	.13980	.15600	.10580	-.07000	.03890	-3.82390
-8.121	.238	-.14410	-.17090	.15230	.10810	.14330	.15870	-.00280	.00220	-.00020	.24160
-7.968	4.360	-.14100	-.16880	.15070	.10490	.13810	.15420	-.11180	.07400	-.03820	4.23060
-7.702	6.348	-.13440	-.16340	.14990	.10180	.13120	.14800	-.16810	.11100	-.05670	6.16240
	GRADIENT	-.00033	-.00028	-.00040	-.00029	-.00020	-.00021	-.02612	.01729	-.00926	.96705

1A105A. AEDC PWT-TF470, 0 T S W/SILTS (R8M015) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1932/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.303	-6.194	.03270	.00420	.14830	.10090	.00760	.02400	.14990	-.09760	.05790	-6.03280
-4.472	-4.137	.01390	-.01360	.14960	.10440	.02270	.03860	.09960	-.06450	.03920	-4.01920
-4.134	.244	.02190	-.00500	.14980	.10510	.01590	.03140	-.00230	.00150	-.00020	.24410
-4.010	4.350	.01570	-.01170	.14740	.10230	.01760	.03350	-.10060	.06450	-.03610	4.24370
-3.564	6.316	.03050	.00160	.14600	.09800	.00450	.02120	-.14950	.09600	-.05420	6.16820
	GRADIENT	.00023	.00024	-.00026	-.00024	-.00061	-.00061	-.02359	.01520	-.00887	.97359

RUN NO. 1933/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.064	-6.345	.20490	.17760	.14480	.09920	-.12260	-.10700	.13450	-.08630	.05680	-6.25810
-.116	-4.439	.19300	.16610	.14550	.10120	-.11360	-.09810	.09160	-.05810	.03940	-4.36920
-.174	-.180	.19260	.15710	.14690	.10470	-.10510	-.09040	.00450	-.00250	.00390	-.14970
-.227	3.569	.17330	.14640	.14650	.10210	-.09930	-.08370	-.07260	.04600	-.02790	3.56130
-.170	5.665	.17500	.14690	.14570	.09930	-.10240	-.08620	-.11690	.07390	-.04540	5.63600
	GRADIENT	-.00246	-.00245	.00013	.00013	.00179	.00180	-.02050	.01300	-.00840	.99027

RUN NO. 1934/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.219	-5.605	.37120	.34430	.14120	.09670	-.24350	-.22800	.09780	-.06240	.04460	-5.66350
3.889	-3.609	.35200	.32660	.14180	.10010	-.22940	-.21470	.06160	-.03960	.02880	-3.65300
3.995	.242	.34910	.32360	.14580	.10390	-.22540	-.21060	-.00450	.00190	-.00090	.23610
3.711	3.978	.33870	.31210	.14340	.09930	-.21960	-.20420	-.06720	.04050	-.02840	4.00660
3.998	5.931	.34500	.31730	.14170	.09580	-.22590	-.21000	-.10170	.06240	-.04320	5.97460
	GRADIENT	-.00175	-.00191	.00022	-.00010	.00129	.00138	-.01698	.01056	-.00754	1.00962

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M016) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1936/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.379	-6.021	-.10140	-.12830	.15660	.11180	.11080	.12640	.15690	-.10450	.05520	-5.84290
-8.521	-3.920	-.11590	-.14230	.15770	.11370	.12240	.13750	.10270	-.06820	.03660	-3.79690
-8.372	.437	-.12690	-.15070	.15440	.11470	.12910	.14280	-.00350	.00250	-.00060	.43810
-7.678	4.475	-.11610	-.14090	.15130	.11030	.11790	.13230	-.10430	.06910	-.03520	4.36660
-7.785	6.469	-.12420	-.15030	.15020	.10700	.12240	.13740	-.15980	.10590	-.05370	6.30610
	GRADIENT	-.00006	.00014	-.00076	-.00040	-.00051	-.00060	-.02465	.01635	-.00855	.97244

RUN NO. 1937/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.402	-6.202	.03280	.00630	.14860	.10400	.00630	.02140	.14910	-.09860	.05380	-6.06880
-4.585	-4.123	.01170	-.01420	.15030	.10730	.02220	.03710	.09960	-.06560	.03540	-4.02970
-4.216	.315	.00900	-.01520	.14820	.10820	.02310	.03690	-.00160	.00090	.00000	.31560
-3.972	4.450	.00460	-.01980	.14520	.10500	.02350	.03750	-.09660	.06320	-.03220	4.36630
-3.563	6.358	.01630	-.00920	.14300	.10070	.01290	.02760	-.14630	.09580	-.04960	6.23830
	GRADIENT	-.00083	-.00065	-.00059	-.00026	.00015	.00005	-.02288	.01502	-.00789	.97928

RUN NO. 1938/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.223	-6.403	.18530	.15910	.14280	.09860	-.11200	-.09720	.13370	-.08720	.05280	-6.32330
-.278	-4.487	.17510	.14990	.14420	.10220	-.10410	-.08960	.09220	-.05960	.03660	-4.42160
-.353	-.246	.16150	.13770	.14460	.10520	-.09430	-.08060	.00600	-.00460	.00350	-.21830
-.363	3.501	.15920	.13420	.14460	.10320	-.09310	-.07870	-.06990	.04470	-.02460	3.49780
-.337	5.596	.15940	.13330	.14330	.09970	-.09480	-.07990	-.11630	.07560	-.04180	5.57520
	GRADIENT	-.00202	-.00199	.00005	.00014	.00140	.00138	-.02029	.01305	-.00766	.99133

RUN NO. 1939/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.249	-5.525	.34610	.32060	.13820	.09570	-.22990	-.21520	.10140	-.06710	.04450	-5.58170
3.891	-3.515	.32660	.30210	.13950	.09920	-.21540	-.20110	.06300	-.04180	.02800	-3.55660
3.904	.321	.32430	.29990	.14160	.10130	-.21370	-.19960	-.00440	.00130	-.00020	.31150
3.600	3.996	.32220	.29670	.14130	.09900	-.21400	-.19930	-.07030	.04430	-.02770	4.02200
3.863	5.942	.32510	.29750	.14160	.09540	-.21700	-.20120	-.10690	.06840	-.04200	5.97870
	GRADIENT	-.00059	-.00072	.00024	-.00002	.00019	.00024	-.01775	.01146	-.00742	1.00901

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M017) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1733/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.221	-7.919	-.05300	-.07940	.06110	.01820	.04030	.05580	.19420	-.12480	.06030	-7.80340
-8.052	-3.861	-.06790	-.09110	.06330	.02570	.05350	.06710	.08440	-.05480	.02740	-3.80330
-8.155	.330	-.08920	-.11140	.06290	.02750	.07080	.08400	-.01650	.01050	-.00430	.32460
-7.913	4.171	-.07000	-.09320	.06250	.02530	.05340	.06710	-.10250	.06610	-.03120	4.11100
-7.605	8.101	-.05550	-.08120	.05940	.01830	.03680	.05200	-.19460	.12600	-.05960	7.99150
	GRADIENT	-.00033	-.00033	-.00010	-.00004	.00005	.00006	-.02328	.01506	-.00730	.98538

RUN NO. 1734/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.195	-8.049	.06890	.04390	.06210	.02160	-.04390	-.02920	.17990	-.11740	.05940	-7.95110
-4.150	-3.938	.05480	.03270	.06480	.02900	-.03150	-.01860	.08540	-.05620	.02920	-3.88030
-3.991	.187	.04370	.02270	.06520	.03160	-.02030	-.00780	-.00500	.00280	-.00120	.18560
-3.852	4.174	.06880	.04630	.06380	.02770	-.04230	-.02910	-.08830	.05730	-.02960	4.11750
-3.795	8.170	.07510	.04980	.05990	.01900	-.05290	-.03800	-.17780	.11620	-.05910	8.07270
	GRADIENT	.00170	.00165	-.00012	-.00016	-.00131	-.00127	-.02142	.01400	-.00725	.98608

RUN NO. 1735/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.154	-8.107	.20010	.17580	.05700	.01770	-.13420	-.12000	.16330	-.10760	.05910	-8.03930
-.265	-4.269	.17920	.15770	.06020	.02530	-.11780	-.10520	.08530	-.05570	.03180	-4.21960
-.249	-.051	.16090	.14060	.06120	.02890	-.10130	-.08920	.00060	-.00030	.00130	-.02340
-.210	3.799	.18250	.16170	.06060	.02710	-.11980	-.10750	-.07280	.04770	-.02480	3.80720
-.129	7.818	.19600	.17240	.05760	.01940	-.13480	-.12090	-.15280	.10140	-.05300	7.80830
	GRADIENT	.00033	.00042	.00005	.00023	-.00018	-.00022	-.01960	.01282	-.00702	.99489

RUN NO. 1736/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.482	-7.702	.36160	.33870	.04490	.00780	-.24690	-.23350	.12710	-.08460	.05450	-7.75530
4.158	-3.819	.33700	.31630	.04890	.01540	-.22820	-.21600	.06210	-.04070	.02650	-3.85170
4.112	.193	.31590	.29600	.05110	.01940	-.20940	-.19760	-.00110	.00070	-.00030	.19250
3.848	4.108	.32950	.30800	.05060	.01610	-.22260	-.20990	-.06570	.04310	-.02430	4.13180
3.871	7.972	.33380	.31100	.04680	.00930	-.23110	-.21770	-.13360	.08960	-.05120	8.01090
	GRADIENT	-.00096	-.00106	.00022	.00009	.00072	.00079	-.01612	.01057	-.00641	1.00713

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M017) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1737/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
8.253	-7.785	.48010	.45610	.03260	-.00610	-.32990	-.31580	.10850	-.07210	.05360	-7.90730
8.166	-3.775	.47210	.45190	.03370	.00130	-.32370	-.31130	.05180	-.03450	.02550	-3.83740
7.790	.153	.44090	.42240	.03680	.00730	-.29780	-.28680	-.00190	.00120	-.00010	.15000
8.129	4.137	.47810	.45730	.03400	.00070	-.32790	-.31560	-.05580	.03680	-.02380	4.18650
8.186	8.098	.48100	.45760	.03120	-.00630	-.33350	-.31970	-.11300	.07600	-.05020	8.20280
	GRADIENT	.00078	.00070	.00004	-.00008	-.00055	-.00050	-.01360	.00901	-.00623	1.01419

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1738/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.173	-5.987	-.04730	-.07250	.07450	.03330	.03950	.05400	.14540	-.09390	.04630	-5.87400
-8.378	-3.895	-.06670	-.09100	.07570	.03590	.05470	.06880	.08890	-.05720	.02890	-3.81940
-8.293	.322	-.09430	-.11780	.07520	.03700	.07740	.09120	-.01310	.00820	-.00290	.31960
-8.019	4.257	-.06850	-.09170	.07340	.03560	.05400	.06760	-.10210	.06610	-.03150	4.18260
-7.776	6.225	-.05670	-.08210	.07170	.03010	.04200	.05680	-.15170	.09840	-.04710	6.11550
	GRADIENT	-.00030	-.00016	-.00028	-.00003	-.00002	-.00008	-.02344	.01513	-.00741	.98160

RUN NO. 1739/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.263	-6.107	.08010	.05580	.07230	.03230	-.05010	-.03590	.14140	-.09310	.04800	-6.00800
-4.442	-4.069	.06500	.04180	.07400	.03580	-.03830	-.02480	.08940	-.05660	.03090	-3.99850
-4.097	.196	.04830	.02630	.07380	.03810	-.02200	-.00920	-.00240	.00110	-.00010	.19550
-3.914	4.266	.07960	.05670	.07120	.03400	-.04940	-.03600	-.09040	.05880	-.03080	4.19660
-3.647	6.199	.09680	.07240	.06960	.02930	-.06480	-.05060	-.13730	.09010	-.04680	6.10420
	GRADIENT	.00171	.00174	-.00033	-.00021	-.00129	-.00130	-.02157	.01409	-.00740	.98330

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1740/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.155	-6.208	.22670	.20340	.06650	.02840	-.15170	-.13820	.12510	-.08280	.04700	-6.14260
-.231	-4.071	.21040	.18870	.06810	.03220	-.13920	-.12660	.07920	-.05160	.03060	-4.01730
-.241	-.164	.18050	.15940	.06900	.03480	-.11390	-.10160	.00010	.00030	.00120	-.13630
-.169	3.697	.21100	.18920	.06700	.03160	-.13920	-.12660	-.07410	.04850	-.02610	3.70140
-.077	5.709	.22650	.20370	.06570	.02830	-.15340	-.14010	-.11480	.07620	-.04110	5.70330
	GRADIENT	.00006	.00005	-.00014	-.00008	.00001	.00001	-.01974	.01289	-.00730	.99363

RUN NO. 1741/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.161	-5.701	.38800	.36500	.05720	.01960	-.26540	-.25210	.09730	-.06470	.04270	-5.75150
3.893	-3.687	.37200	.35080	.05790	.02320	-.25340	-.24110	.06220	-.04100	.02770	-3.72400
4.062	.201	.34680	.32590	.05860	.02500	-.23150	-.21920	-.00040	.00010	.00080	.13750
3.780	4.013	.37570	.35420	.05860	.02360	-.25540	-.24290	-.06710	.04410	-.02620	4.04290
3.960	5.978	.38730	.36420	.05810	.02050	-.26640	-.25290	-.10470	.06990	-.04100	6.01870
	GRADIENT	.00046	.00042	.00009	.00005	-.00024	-.00021	-.01679	.01105	-.00700	1.00862

RUN NO. 1742/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.380	-5.710	.46360	.44110	.05360	.01680	-.31740	-.30430	.09280	-.06210	.03960	-5.78160
6.047	-3.717	.44540	.42420	.05380	.01920	-.30480	-.29250	.06040	-.04060	.02630	-3.76790
5.995	.208	.42930	.40920	.05320	.02080	-.28990	-.27800	-.00080	.00000	.00090	.20220
5.623	4.011	.43540	.41430	.05390	.01980	-.29700	-.28470	-.06500	.04260	-.02390	4.04270
5.919	5.943	.45070	.42840	.05280	.01650	-.31020	-.29720	-.09710	.06480	-.03690	5.99440
	GRADIENT	-.00131	-.00129	.00001	.00004	.00102	.00102	-.01622	.01076	-.00650	1.01073

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (R8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1743/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.300	-6.000	-.08280	-.11060	.09430	.04810	.07310	.08920	.14600	-.09290	.04720	-5.86950
-8.382	-3.912	-.09920	-.12580	.09460	.05080	.08640	.10170	.08990	-.05720	.03000	-3.82360
-8.302	.352	-.12620	-.15140	.09280	.05180	.10910	.12380	-.01250	.00690	-.00220	.35090
-8.014	4.255	-.10390	-.13080	.09290	.04870	.08780	.10340	-.10490	.06650	-.03220	4.17050
-7.780	6.257	-.09490	-.12310	.09360	.04700	.07760	.09390	-.15670	.10080	-.04880	6.13240
	GRADIENT	-.00066	-.00070	-.00021	-.00025	.00025	.00028	-.02385	.01514	-.00761	.97881

RUN NO. 1744/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.239	-6.133	.05880	.03210	.09030	.04610	-.02740	-.01200	.13870	-.08910	.04820	-6.02170
-4.434	-4.108	.04100	.01600	.08900	.04780	-.01400	.00050	.09130	-.05930	.03250	-4.02760
-4.146	.190	.01630	-.00690	.08660	.04870	.00840	.02190	-.00260	.00090	.00010	.18940
-3.956	4.276	.04880	.02340	.08910	.04730	-.01970	-.00510	-.09190	.05850	-.03200	4.19550
-3.661	6.248	.06970	.04300	.08840	.04420	-.03880	-.02330	-.14040	.09080	-.04940	6.13570
	GRADIENT	.00387	.00083	.00001	-.00006	-.00063	-.00062	-.02185	.01405	-.00769	.98084

RUN NO. 1745/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.116	-6.240	.22340	.19840	.08520	.04380	-.14270	-.12830	.12520	-.08150	.04910	-6.17000
-.210	-4.410	.20850	.18480	.08190	.04270	-.13340	-.11980	.08760	-.05720	.03480	-4.35190
-.239	-.309	.16870	.14680	.08120	.04560	-.10020	-.08740	.00480	-.00340	.00330	-.23050
-.158	3.623	.20520	.18140	.08370	.04430	-.12930	-.11560	-.07120	.04560	-.02670	3.62310
-.061	5.689	.22550	.20030	.08280	.04120	-.14680	-.13220	-.11610	.07610	-.04420	5.67720
	GRADIENT	-.00048	-.00049	.00022	.00020	.00056	.00058	-.01977	.01280	-.00766	.99279

RUN NO. 1746/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.156	-5.683	.38760	.36290	.07440	.03370	-.26170	-.24750	.09820	-.06380	.04180	-5.72870
3.865	-3.681	.37830	.35500	.07700	.03870	-.25450	-.24100	.06420	-.04180	.02790	-3.71660
4.060	.198	.35450	.33260	.07780	.04230	-.23300	-.22020	.00030	-.00060	.00060	.19570
3.771	4.002	.37800	.35430	.07610	.03710	-.25400	-.24030	-.06880	.04440	-.02660	4.02960
3.967	5.962	.38080	.35660	.07510	.03520	-.25880	-.24480	-.10510	.06850	-.04090	5.99950
	GRADIENT	-.00006	-.00011	-.00012	-.00020	.00008	.00011	-.01731	.01122	-.00709	1.00823

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M020) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1747/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.331	-6.022	-.09830	-.12920	.11300	.06190	.09140	.10910	.15360	-.09890	.05100	-5.87410
-8.390	-3.935	-.11510	-.14460	.11520	.06630	.10570	.12270	.09340	-.05990	.03270	-3.83150
-8.292	.333	-.14620	-.17350	.11310	.06830	.13180	.14770	-.01410	.00820	-.00240	.33320
-7.974	4.261	-.11720	-.14660	.11080	.06200	.10450	.12140	-.10830	.06890	-.03270	4.17610
-7.803	6.252	-.10570	-.13710	.11190	.05960	.09260	.11060	-.16160	.10470	-.05080	6.11920
	GRADIENT	-.00036	-.00034	-.00054	-.00051	-.00006	-.00007	-.02462	.01572	-.00798	.97695

RUN NO. 1748/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.224	-6.145	.04810	.01930	.10720	.05920	-.01440	.00220	.14160	-.09100	.05030	-6.02460
-4.450	-4.102	.02960	.00200	.10700	.06120	.00000	.01590	.09220	-.05910	.03330	-4.01520
-4.126	.187	.00630	-.01990	.10780	.06470	.02210	.03730	-.00180	.00000	.00050	.18700
-3.940	4.271	.04290	.01500	.10610	.05970	-.01060	-.00550	-.09350	.05870	-.03280	4.18540
-3.682	6.247	.06020	.02990	.10780	.05740	-.02610	-.00870	-.14180	.09080	-.05030	6.12730
	GRADIENT	.00153	.00150	-.00011	-.00017	-.00121	-.00119	-.02218	.01407	-.00789	.97938

RUN NO. 1749/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.075	-6.243	.21270	.18530	.09940	.05370	-.13160	-.11590	.12200	-.07820	.04900	-6.16970
-.148	-4.421	.19870	.17180	.10010	.05530	-.12160	-.10620	.08480	-.05330	.03540	-4.35840
-.182	-.100	.15470	.12940	.10110	.05970	-.08480	-.07010	.00160	-.00180	.00240	-.07360
-.103	3.616	.18970	.16350	.09910	.05580	-.11420	-.09910	-.06960	.04330	-.02670	3.61320
.020	5.685	.21500	.18670	.10240	.05540	-.13500	-.11880	-.11250	.07130	-.04370	5.66790
	GRADIENT	-.00136	-.00127	-.00011	.00009	.00113	.00108	-.01921	.01202	-.00772	.99192

RUN NO. 1750/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.166	-5.678	.38930	.36310	.09310	.04940	-.25940	-.24430	.09180	-.05780	.04150	-5.72620
3.868	-3.687	.37210	.34720	.09200	.05060	-.24720	-.23280	.05890	-.03640	.02710	-3.72230
4.046	.193	.34530	.32050	.09410	.05380	-.22230	-.20780	.00000	-.00020	.00030	.19100
3.727	3.971	.36920	.34330	.09360	.05070	-.24430	-.22940	-.06240	.03780	-.02500	3.99470
4.068	5.968	.38630	.35950	.09220	.04770	-.25890	-.24350	-.09760	.06160	-.04020	6.00830
	GRADIENT	-.00041	-.00054	.00021	.00002	.00041	.00047	-.01584	.00969	-.00680	1.00770

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (R8M021) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1751/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.278	-6.079	-.13350	-.16950	.13570	.07580	.13040	.15100	.15220	-.09530	.05650	-5.87580
-8.437	-3.967	-.16030	-.19420	.14110	.08450	.15280	.17220	.09750	-.06110	.03730	-3.82760
-8.250	.329	-.16760	-.20140	.13830	.08220	.15950	.17890	-.00950	.00530	-.00130	.33030
-7.990	4.294	-.15170	-.18680	.13840	.08020	.14450	.16470	-.10620	.06560	-.03680	4.16860
-7.722	6.301	-.13440	-.17060	.13840	.07800	.12880	.14960	-.16120	.10060	-.05700	6.10930
	GRADIENT	.00100	.00086	-.00033	-.00052	-.00097	-.00087	-.02466	.01534	-.00897	.96787

RUN NO. 1752/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.181	-6.192	.03600	.00170	.13710	.07990	.00850	.02800	.14010	-.08660	.05930	-6.02540
-4.443	-4.135	.00790	-.02460	.13120	.07690	.02850	.04710	.09030	-.05600	.03900	-4.01690
-4.226	.201	-.00900	-.04210	.13560	.08100	.04620	.06530	-.00120	-.00020	.00100	.20270
-3.989	4.322	.02320	-.00950	.13200	.07760	.01710	.03590	-.09070	.05350	-.03730	4.20610
-3.600	6.249	.05150	.01680	.13280	.07500	-.00730	.01260	-.13590	.08170	-.05680	6.08670
	GRADIENT	.00176	.00174	.00010	.00009	-.00130	-.00126	-.02140	.01295	-.00902	.97234

RUN NO. 1753/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.059	-6.288	.21070	.17660	.13450	.07740	-.11750	-.09790	.12220	-.07470	.05940	-6.20520
-.038	-4.392	.19560	.16460	.12670	.07460	-.10810	-.09040	.08380	-.05130	.04200	-4.32580
-.061	-.269	.17640	.14570	.12960	.07850	-.08950	-.07180	.00630	-.00410	.00610	-.23960
.032	3.576	.20350	.17180	.13000	.07730	-.11110	-.09290	-.06850	.04200	-.03010	3.57280
.131	5.674	.22060	.18850	.12990	.07620	-.12740	-.10880	-.11130	.06850	-.05000	5.65290
	GRADIENT	.00092	.00084	.00042	.00035	-.00032	-.00026	-.01911	.01171	-.00904	.99129

RUN NO. 1754/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.185	-5.635	.38810	.35580	.12330	.06900	-.24680	-.22840	.09110	-.05540	.04650	-5.69720
3.904	-3.685	.36640	.33560	.12190	.07010	-.23100	-.21350	.06110	-.03810	.03140	-3.73280
4.050	.197	.35120	.31990	.12730	.07580	-.21530	-.19710	.00250	-.00290	.00250	.18840
3.748	3.966	.36710	.33590	.12320	.07140	-.23070	-.21270	-.06270	.03720	-.02790	3.99700
4.091	5.916	.39330	.36180	.12350	.07130	-.25230	-.23420	-.09380	.05560	-.04330	5.96510
	GRADIENT	.00007	.00002	.00018	.00018	.00006	.00013	-.01618	.00984	-.00775	1.01039

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M022) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 9.000

RUN NO. 1755/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.308	-6.104	-.15590	-.19380	.15030	.08720	.15350	.17530	.15890	-.10240	.05940	-5.89190
-8.371	-3.980	-.17650	-.21330	.15350	.09230	.17110	.19230	.09740	-.06300	.03790	-3.83880
-8.323	.334	-.19620	-.23240	.15330	.09320	.18840	.20930	-.01380	.00840	-.00280	.33140
-7.974	4.302	-.16320	-.20140	.15360	.09060	.16000	.18210	-.11470	.07380	-.04020	4.16810
-7.733	6.301	-.14510	-.18540	.15140	.08440	.14270	.16580	-.16790	.10770	-.05970	6.10230
	GRADIENT	.00152	.00135	.00001	-.00020	-.00126	-.00116	-.02561	.01652	-.00943	.96E77

RUN NO. 1756/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.204	-6.195	.02210	-.01490	.14970	.08810	.02270	.04390	.14780	-.09510	.06290	-6.02490
-4.424	-4.148	-.00950	-.04510	.14760	.08840	.04800	.06850	.09620	-.06310	.04150	-4.03080
-4.101	.185	-.01200	-.04670	.14840	.09090	.05500	.07500	-.00400	.00200	-.00010	.18570
-4.007	4.331	.02210	-.01410	.14910	.08960	.02450	.04540	-.09840	.06160	-.04150	4.20850
-3.575	6.291	.05050	.01280	.14750	.08500	-.00110	.02070	-.14560	.09160	-.06120	6.12460
	GRADIENT	.00369	.00363	.00018	.00014	-.00274	-.00269	-.02295	.01471	-.00979	.97175

RUN NO. 1757/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.073	-6.284	.20820	.17240	.14490	.08530	-.11380	-.09330	.13120	-.08400	.06220	-6.20570
-.029	-4.396	.19210	.15680	.14510	.08610	-.10100	-.08080	.09600	-.06330	.04570	-4.33460
-.087	-.174	.16080	.12550	.14810	.08940	-.07260	-.05220	.00800	-.00700	.00490	-.17800
-.002	3.598	.18620	.15070	.14720	.08850	-.09420	-.07380	-.06640	.03990	-.03010	3.59270
.120	5.675	.20130	.16290	.14910	.08580	-.10730	-.08500	-.11050	.06820	-.05080	5.65350
	GRADIENT	-.00087	-.00089	.00027	.00031	.00097	.00099	-.02033	.01292	-.00949	.99166

RUN NO. 1758/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.211	-5.638	.36910	.33190	.14310	.08100	-.22700	-.20570	.09060	-.05650	.04820	-5.71270
3.891	-3.654	.34870	.31280	.14340	.08360	-.21170	-.19120	.05850	-.03700	.03200	-3.70890
4.033	.195	.33280	.29640	.14720	.08690	-.19570	-.17470	.00050	-.00170	.00140	.18730
3.763	3.953	.35030	.31440	.14350	.08410	-.21370	-.19300	-.06200	.03690	-.02970	3.99160
4.077	5.906	.36780	.33090	.14120	.08000	-.22940	-.20810	-.09540	.05760	-.04580	5.96420
	GRADIENT	.00019	.00019	.00002	.00007	-.00025	-.00022	-.01584	.00971	-.00811	1.01236

IA105A, AEDC PWT-TF470, O T S W0/SILTS (RBM023) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1759/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.269	-6.117	-.13800	-.17230	.15000	.09290	.14060	.16030	.15130	-.09640	.05870	-5.89360
-8.353	-3.978	-.15440	-.18760	.15000	.09540	.15430	.17350	.09170	-.05850	.03590	-3.83800
-8.092	.179	-.16400	-.19580	.14860	.09610	.16300	.18130	-.00650	.00280	-.00050	.18020
-7.959	4.292	-.14940	-.18360	.15080	.09440	.14950	.16930	-.10350	.06460	-.03700	4.15730
-7.758	6.333	-.13940	-.17510	.15250	.09330	.13910	.15970	-.15890	.10050	-.05860	6.12310
	GRADIENT	.00060	.00048	.00010	-.00012	-.00058	-.00050	-.02360	.01488	-.00881	.96674

RUN NO. 1760/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.180	-6.209	.03500	.00190	.14710	.09200	.01130	.03040	.13710	-.08680	.06040	-6.03600
-4.416	-4.152	.01300	-.01940	.14580	.09220	.02910	.04780	.08930	-.05730	.04070	-4.02800
-4.118	.184	.01180	-.01920	.14440	.09310	.03290	.05080	.00060	-.00220	.00110	.18350
-3.976	4.321	.02550	-.00680	.14450	.09150	.01960	.03840	-.08960	.05480	-.03830	4.20070
-3.599	6.289	.05050	.01640	.14790	.09200	-.00160	.01820	-.13600	.08380	-.05830	6.12150
	GRADIENT	.00146	.00148	-.00015	-.00008	-.00111	-.00109	-.02111	.01323	-.00932	.97121

RUN NO. 1761/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.077	-6.278	.21060	.17830	.14390	.09030	-.11680	-.09830	.12410	-.07870	.05910	-6.20000
-.011	-4.402	.20200	.17000	.14440	.09130	-.11000	-.09170	.08740	-.05580	.04280	-4.33940
-.051	-.167	.18820	.15830	.14410	.09460	-.09720	-.08000	.00490	-.00410	.00430	-.14060
.032	3.598	.21000	.17960	.14360	.09360	-.11570	-.09810	-.06950	.04240	-.03070	3.59250
.182	5.681	.22490	.19360	.14180	.09050	-.12970	-.11150	-.10910	.06680	-.04930	5.65920
	GRADIENT	.00091	.00112	-.00010	.00030	-.00064	-.00073	-.01961	.01227	-.00918	.99140

RUN NO. 1762/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.215	-5.635	.37470	.34240	.13950	.08570	-.23610	-.21760	.09390	-.05910	.04890	-5.70960
3.897	-3.649	.35500	.32410	.13960	.08820	-.22110	-.20340	.06210	-.03990	.03300	-3.70580
4.030	.195	.34970	.31900	.14110	.09030	-.21330	-.19560	.00420	-.00470	.00250	.18610
3.765	3.951	.36470	.33400	.13870	.08830	-.22870	-.21100	-.06190	.03670	-.02890	3.98660
4.040	5.901	.37980	.34890	.13630	.08560	-.24290	-.22510	-.09550	.05730	-.04500	5.95510
	GRADIENT	.00127	.00129	-.00012	.00002	-.00099	-.00099	-.01631	.01008	-.00814	1.01220

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M024) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1763/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.295	-6.115	-.12210	-.15450	.15230	.09840	.12690	.14540	.15370	-.09940	.05860	-5.89220
-8.421	-3.987	-.14290	-.17370	.15000	.09960	.14330	.16120	.09400	-.06010	.03710	-3.83660
-8.273	.348	-.14150	-.17010	.14660	.09940	.14290	.15940	-.01310	.00880	-.00290	.34580
-8.000	4.320	-.12310	-.15470	.14960	.09780	.12690	.14520	-.10880	.07060	-.03860	4.18330
-7.768	6.341	-.11710	-.14990	.15000	.09600	.11960	.13850	-.16220	.10530	-.05810	6.13810
	GRADIENT	.00235	.00226	-.00006	-.00021	-.00195	-.00190	-.02442	.01574	-.00911	.96538

RUN NO. 1764/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.220	-6.198	.04430	.01490	.14460	.09600	-.00010	.01690	.13940	-.08910	.05890	-6.02890
-4.444	-4.150	.02170	-.00770	.14610	.09800	.01860	.03580	.08950	-.05730	.03910	-4.02830
-4.107	.191	.03240	.00450	.14640	.10030	.01260	.02880	-.00260	.00120	.00080	.13460
-3.991	4.312	.04680	.01730	.14650	.09820	-.00150	.01560	-.09410	.05920	-.03710	4.19950
-3.623	6.316	.05930	.02740	.14710	.09470	-.01340	.00510	-.14280	.09000	-.05690	6.15610
	GRADIENT	.00296	.00295	.00005	.00003	-.00237	-.00238	-.02169	.01376	-.00900	.97229

RUN NO. 1765/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.065	-6.295	.22060	.19120	.14410	.09540	-.12960	-.11280	.12550	-.07980	.05700	-6.21400
-.011	-4.413	.21220	.18410	.14430	.09760	-.12290	-.10670	.08660	-.05530	.04080	-4.34950
-.027	-.165	.20840	.18110	.14580	.10050	-.11820	-.10250	.00500	-.00440	.00430	-.13920
.034	3.594	.21510	.18650	.14600	.09880	-.12420	-.10760	-.06840	.04150	-.02910	3.58690
.101	5.671	.21990	.19110	.14360	.09630	-.13110	-.11440	-.11110	.06830	-.04760	5.64560
	GRADIENT	.00034	.00028	.00022	.00016	-.00014	-.00009	-.01935	.01209	-.00873	.99113

RUN NO. 1766/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.209	-5.638	.38620	.35760	.14100	.09360	-.24990	-.23340	.09620	-.06070	.04710	-5.70460
3.889	-3.634	.36980	.34150	.14270	.09580	-.23720	-.22090	.06240	-.04010	.03150	-3.68560
4.05!	.212	.36650	.33900	.14520	.09990	-.23140	-.21540	.00050	-.00140	.00180	.20260
3.753	3.954	.36450	.33590	.14270	.09600	-.23310	-.21660	-.06540	.03990	-.02890	3.98890
4.037	5.905	.37270	.34430	.13900	.09270	-.24200	-.22550	-.09910	.06070	-.04460	5.95650
	GRADIENT	-.00070	-.00074	.00000	.00003	.00054	.00057	-.01684	.01054	-.00796	1.01137

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (R8M025) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1989/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-7.979	-7.885	-.03670	-.06220	.06340	.02180	.02860	.04340	.18840	-.12080	.05740	-7.77740
-8.049	-3.832	-.05910	-.08210	.06560	.02830	.04660	.06010	.08570	-.05540	.02650	-3.77920
-8.093	.313	-.07700	-.09890	.06500	.02980	.06140	.07440	-.01470	.00970	-.00490	.30320
-7.596	4.188	-.05030	-.07440	.06510	.02640	.03870	.05290	-.09980	.06430	-.03190	4.12430
-7.574	8.058	-.04630	-.07170	.06130	.02050	.02930	.04420	-.18920	.12230	-.05930	7.94590
	GRADIENT	.00103	.00090	-.00006	-.00023	-.00093	-.00085	-.02314	.01493	-.00728	.98543

RUN NO. 1990/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.139	-7.997	.07760	.05270	.06370	.02320	-.05070	-.03620	.17630	-.11450	.05710	-7.90250
-4.137	-3.905	.06190	.03970	.06650	.03040	-.03730	-.02440	.08480	-.05550	.02770	-3.85180
-3.926	.187	.05550	.03390	.06700	.03250	-.02940	-.01660	-.00240	.00130	-.00170	.18380
-3.855	4.144	.07800	.05590	.06580	.03040	-.04950	-.03650	-.08650	.05610	-.03030	4.08470
-3.782	8.130	.08380	.05870	.06210	.02160	-.06000	-.04530	-.17450	.11400	-.05940	8.03100
	GRADIENT	.00198	.00199	-.00009	.00000	-.00150	-.00148	-.02128	.01387	-.00721	.98605

RUN NO. 1991/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.149	-8.164	.20760	.18340	.05880	.01950	-.14060	-.12650	.18420	-.10780	.05020	-8.09560
-.271	-4.260	.18560	.16390	.06240	.02710	-.12340	-.11070	.08710	-.05680	.03110	-4.20930
-.249	-.054	.16880	.14840	.06360	.03110	-.10800	-.09600	.00080	-.00040	.00010	-.02640
-.193	3.805	.19230	.17100	.06270	.02850	-.12780	-.11520	-.07100	.04650	-.02560	3.81420
-.106	7.817	.20640	.18260	.05940	.02080	-.14350	-.12950	-.15090	.10000	-.05390	7.80720
	GRADIENT	.00076	.00081	.00004	.00019	-.00048	-.00050	-.01962	.01282	-.00704	.99488

RUN NO. 1992/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.474	-7.680	.36840	.34570	.04670	.00980	-.25290	-.23960	.12680	-.08440	.05280	-7.72960
4.193	-3.845	.35200	.33140	.05190	.01870	-.23950	-.22740	.06430	-.04230	.02580	-3.87460
4.202	.187	.33230	.31270	.05360	.02240	-.22200	-.21040	-.00130	.00080	-.00160	.18990
3.876	4.133	.33970	.31830	.05330	.01880	-.23090	-.21830	-.06470	.04240	-.02550	4.16130
3.892	7.994	.34940	.32600	.04890	.01120	-.24350	-.22970	-.13300	.08920	-.05250	8.03660
	GRADIENT	-.00155	-.00165	.00018	.00002	.00109	.00115	-.01617	.01062	-.00643	1.00718

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M025) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1993/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
8.232	-7.806	.48690	.46370	.03440	-.00300	-.33630	-.32270	.11110	-.07400	.05290	-7.92170
8.197	-3.798	.48640	.46620	.03590	.00350	-.33480	-.32300	.05510	-.03690	.02510	-3.85450
7.840	.140	.45720	.43800	.03920	.00840	-.31050	-.29920	-.00130	.00080	-.00150	.14450
8.171	4.142	.48850	.46780	.03650	.00340	-.33630	-.32410	-.05310	.03500	-.02450	4.19860
7.952	8.017	.48600	.46270	.03440	-.00280	-.33850	-.32470	-.11060	.07430	-.05020	8.12170
	GRADIENT	.00029	.00022	.00007	-.00002	-.00021	-.00016	-.01363	.00905	-.00625	1.01434

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M026) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1994/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.012	-5.938	-.04030	-.06570	.07600	.03420	.03350	.04830	.14300	-.09170	.04550	-5.82620
-8.347	-3.884	-.06370	-.08780	.07710	.03760	.05150	.06550	.08670	-.05490	.02800	-3.80940
-8.240	.278	-.08410	-.10700	.07630	.03920	.06880	.08230	-.01460	.01000	-.00380	.27320
-7.935	4.225	-.05920	-.08350	.07540	.03580	.04640	.06060	-.10240	.06620	-.03190	4.14890
-7.729	6.209	-.04480	-.07030	.07350	.03190	.03230	.04720	-.15190	.09890	-.04770	6.09750
	GRADIENT	.00051	.00048	-.00021	-.00022	-.00059	-.00056	-.02333	.01494	-.00739	.98134

RUN NO. 1995/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.209	-6.091	.08800	.06450	.07390	.03530	-.05630	-.04270	.13870	-.09070	.04680	-5.99390
-4.436	-4.053	.06930	.04620	.07460	.03680	-.04250	-.02920	.08730	-.05660	.02980	-3.98370
-4.049	.197	.05780	.03600	.07510	.03960	-.03020	-.01740	-.00420	.00300	-.00140	.19550
-3.921	4.242	.08870	.06570	.07320	.03580	-.05680	-.04340	-.09060	.05940	-.03140	4.17160
-3.620	6.166	.10810	.08370	.07190	.03220	-.07370	-.05950	-.13730	.09060	-.04750	6.07060
	GRADIENT	.00230	.00231	-.00017	-.00011	-.00168	-.00167	-.02145	.01399	-.00738	.98323

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (R8M026) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1996/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.131	-6.250	.23620	.21280	.06830	.02970	-.15960	-.14610	.12660	-.08320	.04690	-6.18370
-.219	-4.360	.22060	.19860	.06950	.03310	-.14800	-.13530	.08590	-.05560	.03230	-4.30380
-.227	-.204	.19010	.16910	.07040	.03630	-.12210	-.10990	.00170	-.00050	.00110	-.17480
-.146	3.613	.22220	.20070	.06920	.03410	-.14830	-.13580	-.07130	.04690	-.02580	3.61830
-.054	5.698	.23960	.21640	.06800	.03000	-.16410	-.15060	-.11510	.07680	-.04200	5.69290
	GRADIENT	.00009	.00015	-.00003	.00013	.00006	.00003	-.01972	.01286	-.00729	.99361

RUN NO. 1997/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.188	-5.719	.40130	.37870	.05900	.02200	-.27630	-.26320	.09900	-.06550	.04270	-5.76820
3.899	-3.707	.38490	.36370	.05990	.02540	-.26400	-.25160	.06240	-.04080	.02720	-3.74190
4.100	.198	.36120	.34050	.06160	.02820	-.24310	-.23090	-.00080	.00060	-.00030	.19830
3.790	4.038	.38190	.36010	.06090	.02530	-.26180	-.24920	-.06620	.04350	-.02650	4.06940
4.035	6.016	.39820	.37500	.05990	.02180	-.27540	-.26190	-.10380	.06970	-.04030	6.05670
	GRADIENT	-.00040	-.00048	.00013	-.00001	.00030	.00032	-.01660	.01088	-.00693	1.00856

RUN NO. 1998/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.399	-5.751	.47120	.44890	.05530	.01890	-.32390	-.31100	.09540	-.06360	.03880	-5.81610
6.087	-3.755	.45790	.43700	.05600	.02160	-.31510	-.30290	.06290	-.04200	.02560	-3.79910
6.024	.208	.43960	.41960	.05640	.02410	-.29830	-.28660	-.00180	.00130	.00080	.03270
5.632	4.013	.44620	.42490	.05640	.02170	-.30620	-.29380	-.06600	.04380	-.02460	4.04710
5.839	5.970	.45520	.43270	.05580	.01910	-.31490	-.30180	-.09830	.06600	-.03710	6.02180
	GRADIENT	-.00153	-.00158	.00005	.00002	.00117	.00119	-.01659	.01105	-.00646	1.01013

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M027) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1999/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.307	-5.960	-.08240	-.11040	.09610	.04960	.07210	.08830	.14760	-.09350	.04680	-5.83260
-8.316	-3.905	-.09150	-.11780	.09630	.05260	.08030	.09550	.08910	-.05570	.02870	-3.82090
-8.271	.323	-.12320	-.14830	.09450	.05340	.10660	.12120	-.01580	.01030	-.00440	.31510
-7.990	4.238	-.09870	-.12570	.09520	.05080	.08380	.09950	-.10720	.06880	-.03370	4.14930
-7.707	6.229	-.08250	-.11070	.09430	.04760	.06800	.08420	-.15720	.10180	-.04970	6.10160
	GRADIENT	-.00097	-.00105	-.00014	-.00022	.00051	.00057	-.02412	.01529	-.00767	.97877

RUN NO. 2000/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.247	-6.109	.06270	.03640	.09070	.04710	-.03140	-.01630	.13800	-.08860	.04740	-5.99960
-4.428	-4.076	.04600	.02100	.09030	.04890	-.01860	-.00420	.08870	-.05650	.03070	-3.99820
-4.072	.192	.02640	.00270	.08910	.05010	.00040	.01410	-.00270	.00160	-.00140	.18870
-3.944	4.260	.05650	.03140	.08960	.04800	-.02680	-.01220	-.09280	.05950	-.03320	4.17720
-3.631	6.225	.07690	.05070	.08840	.04500	-.04560	-.03050	-.14080	.09150	-.05040	6.11240
	GRADIENT	.00121	.00120	-.00009	-.00010	-.00094	-.00092	-.02177	.01391	-.00766	.98071

RUN NO. 2001/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.098	-6.271	.23030	.20520	.08420	.04270	-.14940	-.13490	.12610	-.08210	.04900	-6.19940
-.202	-4.396	.21360	.18940	.08450	.04430	-.13780	-.12370	.08670	-.05600	.03420	-4.33650
-.221	-.130	.17870	.15660	.08340	.04730	-.10800	-.09510	.00050	.00010	.00060	-.10150
-.141	3.611	.21720	.19350	.08480	.04560	-.13910	-.12540	-.07040	.04540	-.02760	3.61280
-.073	5.696	.23000	.20500	.08410	.04280	-.15140	-.13700	-.11650	.07680	-.04540	5.68510
	GRADIENT	.00025	.00032	.00003	.00017	.00000	-.00005	-.01963	.01268	-.00772	.99281

RUN NO. 2002/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.252	-5.690	.40170	.37760	.07860	.03890	-.27230	-.25830	.09840	-.06350	.04090	-5.73250
3.882	-3.712	.38800	.36500	.07880	.04110	-.26270	-.24940	.06610	-.04270	.02750	-3.74390
4.064	.191	.36320	.34100	.07980	.04380	-.24020	-.22720	.00030	-.00050	-.00050	.19280
3.814	4.010	.38730	.36350	.07970	.04030	-.26190	-.24820	-.06910	.04490	-.02790	4.04220
4.041	6.000	.39790	.37310	.07840	.03740	-.27220	-.25790	-.10480	.06840	-.04190	6.04210
	GRADIENT	-.00011	-.00022	.00012	-.00010	.00012	.00018	-.01751	.01134	-.00717	1.00830

IA105A, AEDC PWT-TF470, 0 T S WD/SILTS (RBM028) (08 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2003/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.031	-5.973	-.09110	-.12220	.11630	.06470	.08630	.10410	.15180	-.09740	.05050	-5.82790
-8.325	-3.931	-.11010	-.13990	.11680	.06740	.10160	.11880	.09450	-.06020	.03240	-3.83030
-8.280	.268	-.14280	-.17010	.11460	.06980	.12900	.14490	-.01260	.00760	-.00240	.26750
-7.947	4.240	-.11650	-.14670	.11600	.06570	.10520	.12250	-.11070	.07090	-.03470	4.14580
-7.751	6.222	-.10310	-.13460	.11490	.06230	.09130	.10930	-.16210	.10540	-.05190	6.08410
	GRADIENT	-.00085	-.00089	-.00010	-.00020	.00050	.00051	-.02512	.01605	-.00821	.97617

RUN NO. 2004/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.142	-6.133	.05320	.02360	.11060	.06130	-.01830	-.00130	.14160	-.09070	.05000	-6.01390
-4.435	-4.086	.03220	.00430	.11020	.06360	-.00190	.01410	.09240	-.05920	.03320	-3.99970
-4.066	.188	.01270	-.01330	.10870	.06560	.01700	.03200	-.00220	.00050	-.00010	.18620
-3.959	4.271	.04190	.01390	.11030	.06370	-.00920	.00690	-.09320	.05860	-.03350	4.18210
-3.647	6.202	.06150	.03150	.10910	.05920	-.02750	-.01030	-.14080	.09060	-.05110	6.08170
	GRADIENT	.00112	.00111	.00001	.00002	-.00083	-.00082	-.02221	.01410	-.00798	.97911

RUN NO. 2005/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.096	-6.395	.21720	.18900	.10340	.05640	-.13580	-.11970	.12740	-.08090	.05120	-6.31690
-.135	-4.385	.20460	.17800	.10300	.05860	-.12650	-.11120	.08430	-.05270	.03480	-4.32240
-.178	-.226	.15870	.13320	.10340	.06130	-.08820	-.07340	.00350	-.00230	.00220	-.13720
-.079	3.654	.19880	.17250	.10310	.05940	-.12110	-.10590	-.06990	.04350	-.02820	3.65180
.040	5.714	.22450	.19680	.10280	.05660	-.14330	-.12740	-.11340	.07260	-.04570	5.69910
	GRADIENT	-.00085	-.00081	.00001	.00011	.00077	.00076	-.01918	.01197	-.00784	.99192

RUN NO. 2006/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.177	-5.715	.39460	.36820	.09510	.05110	-.26390	-.24880	.09320	-.05820	.04090	-5.75850
3.969	-3.691	.37810	.35280	.09520	.05300	-.25220	-.23770	.05940	-.03610	.02590	-3.72030
4.099	.188	.35520	.33010	.09830	.05720	-.22980	-.21510	.00040	-.00030	-.00080	.13060
3.787	4.006	.38080	.35450	.09780	.05410	-.25300	-.23790	-.06180	.03760	-.02610	4.03440
4.078	5.979	.39820	.37150	.09580	.05140	-.26890	-.25350	-.09690	.06080	-.04100	6.02280
	GRADIENT	.00033	.00020	.00034	.00015	-.00009	-.00001	-.01575	.00957	-.00676	1.00755

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M029) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2007/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.263	-6.066	-.13230	-.16800	.14030	.08050	.12980	.15020	.15170	-.09430	.05580	-5.86580
-8.354	-3.941	-.14700	-.18130	.13980	.08240	.14120	.16090	.09200	-.05670	.03500	-3.80750
-8.275	.356	-.16720	-.20080	.14080	.08510	.15900	.17840	-.01220	.00760	-.00290	.35100
-7.939	4.257	-.14520	-.18070	.14130	.08220	.13960	.16000	-.10670	.06630	-.03760	4.12810
-7.698	6.282	-.12790	-.16450	.14060	.07910	.12340	.14430	-.16080	.10060	-.05770	6.08640
	GRADIENT	.00014	-.00000	.00018	-.00001	-.00012	-.00004	-.02424	.01500	-.00886	.96803

RUN NO. 2008/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.198	-6.171	.03880	.00370	.13810	.07950	.00510	.02510	.13710	-.08420	.05750	-6.00740
-4.443	-4.122	.01070	-.02210	.13530	.08040	.02640	.04520	.08960	-.05490	.03820	-4.00490
-4.086	.182	.00350	-.02920	.13650	.08220	.03620	.05500	-.00070	-.00010	.00020	.18130
-3.989	4.299	.03150	-.00240	.13670	.08040	.01100	.03050	-.09020	.05350	-.03830	4.17980
-3.583	6.239	.05880	.02380	.13730	.07890	-.01270	.00740	-.13470	.08130	-.05740	6.07700
	GRADIENT	.00244	.00231	.00017	.00000	-.00180	-.00172	-.02135	.01287	-.00908	.97192

RUN NO. 2009/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.034	-6.384	.21870	.17870	.13480	.07780	-.11080	-.10100	.18390	-.07610	.06880	-6.20880
-.038	-4.408	.19870	.16850	.13180	.07760	-.11020	-.09180	.08420	-.05100	.04170	-4.34050
-.048	-.189	.18200	.15120	.13060	.07940	-.09440	-.07670	.00330	-.00170	.00380	-.15930
.054	3.654	.21170	.17970	.13100	.07790	-.11840	-.10000	-.07100	.04400	-.03200	3.05080
.196	5.706	.23710	.20370	.13190	.07650	-.14030	-.12100	-.11080	.06810	-.05110	5.68720
	GRADIENT	.00152	.00155	-.00010	.00004	-.00094	-.00094	-.01925	.01178	-.00914	.99120

RUN NO. 2010/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.219	-5.675	.39630	.36380	.12650	.07160	-.25360	-.23510	.09170	-.05550	.04580	-5.73470
3.884	-3.682	.37320	.34170	.12640	.07310	-.23650	-.21860	.06080	-.03720	.03040	-3.72510
4.109	.189	.35890	.32770	.12760	.07600	-.22180	-.20380	.00290	-.00270	.00210	.18260
3.764	3.985	.37330	.34190	.12560	.07370	-.23590	-.21780	-.06230	.03740	-.02820	4.01910
3.849	5.869	.38770	.35550	.12440	.07100	-.24930	-.23070	-.09390	.05620	-.04350	5.91620
	GRADIENT	.00000	.00001	-.00010	.00008	.00009	.00012	-.01605	.00973	-.00764	1.01011

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (R8M030) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 11.000

RUN NO. 2011/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.341	-6.049	-.15510	-.19230	.15230	.09030	.15230	.17380	.15670	-.10070	.05790	-5.84420
-8.311	-3.956	-.16950	-.20670	.15410	.09230	.16500	.18630	.09560	-.06140	.03670	-3.81980
-8.286	.369	-.18840	-.22500	.15530	.09470	.18250	.20350	-.01560	.01010	-.00420	.36100
-7.957	4.284	-.15490	-.19290	.15480	.09200	.15330	.17530	-.11390	.07350	-.04070	4.14560
-7.700	6.295	-.13460	-.17490	.15480	.08810	.13480	.15790	-.16650	.10720	-.06050	6.09060
	GRADIENT	.00166	.00157	.00009	-.00003	-.00132	-.00124	-.02543	.01637	-.00939	.96667

RUN NO. 2012/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.152	-6.178	.03030	-.00700	.15140	.08930	.01590	.03730	.14470	-.09280	.06120	-6.01340
-4.462	-4.136	-.00670	-.04280	.14990	.08990	.04550	.06620	.09470	-.06140	.04040	-4.01970
-4.085	.185	-.01290	-.04860	.15170	.09270	.05570	.07620	-.00370	.00180	-.00100	.18170
-4.011	4.302	.02460	-.01280	.15100	.08950	.02210	.04370	-.09830	.06220	-.04210	4.17950
-3.563	6.265	.05800	.02010	.15110	.08850	-.00680	.01510	-.14360	.09060	-.06160	6.09330
	GRADIENT	.00367	.00351	.00013	-.00004	-.00273	-.00263	-.02287	.01465	-.00978	.97172

RUN NO. 2013/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.088	-6.326	.21250	.17610	.14790	.08730	-.11760	-.09680	.13250	-.08450	.06190	-6.24600
-.029	-4.397	.19600	.16010	.14790	.08800	-.10460	-.08410	.09570	-.06260	.04480	-4.33490
-.071	-.173	.16810	.13230	.15010	.09070	-.07880	-.05820	.00830	-.00670	.00420	-.14580
.013	3.598	.18990	.15380	.14960	.09030	-.09680	-.07610	-.06760	.04150	-.03160	3.59390
.117	5.683	.20560	.16770	.15150	.08880	-.11140	-.08940	-.11060	.06860	-.05120	5.66260
	GRADIENT	-.00089	-.00090	.00022	.00029	.00108	.00110	-.02043	.01202	-.00956	.99172

RUN NO. 2014/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.224	-5.669	.37420	.33630	.14630	.08300	-.23130	-.20960	.09060	-.05580	.04740	-5.73940
3.904	-3.675	.35460	.31850	.14580	.08550	-.21700	-.19630	.05930	-.03700	.03130	-3.72600
4.113	.188	.33950	.30250	.14980	.08850	-.20110	-.17980	.00030	-.00110	.00060	.18400
3.790	3.983	.35510	.31900	.14500	.08520	-.21790	-.19710	-.06290	.03800	-.03030	4.02450
4.108	5.943	.37400	.33700	.14350	.08230	-.23460	-.21330	-.09510	.05780	-.04620	6.00500
	GRADIENT	.00005	.00005	-.00010	-.00004	-.00010	-.00009	-.01595	.00979	-.00804	1.01207

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M031) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1631/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.094	-6.138	-.15740	-.19000	.14740	.09320	.15820	.17690	.15020	-.09610	.05840	-5.91770
-8.371	-3.990	-.18030	-.21200	.14930	.09710	.17690	.19530	.09170	-.05850	.03590	-3.84760
-8.265	.335	-.19510	-.22670	.14700	.09490	.18910	.20740	-.01180	.00660	-.00210	.33580
-8.061	4.304	-.17380	-.20730	.14830	.09330	.17080	.19020	-.10600	.06670	-.03700	4.17220
-7.733	6.315	-.15560	-.19130	.14950	.03060	.15480	.17540	-.15820	.10080	-.05770	6.11020
	GRADIENT	.00072	.00051	-.00013	-.00046	-.00068	-.00056	-.02384	.01510	-.00879	.96702

RUN NO. 1632/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.147	-6.188	.01430	-.01800	.14530	.09160	.03110	.04970	.13290	-.08420	.05820	-6.01760
-4.179	-4.121	.00040	-.03140	.14440	.09180	.04280	.06110	.08520	-.05460	.03970	-4.00110
-4.116	.184	-.01250	-.04280	.14370	.09360	.05540	.07290	-.00280	.00050	.00050	.18370
-3.998	4.327	.00670	-.02540	.14370	.09090	.03750	.05610	-.09090	.05540	-.03890	4.20370
-3.597	6.285	.03500	.00220	.14550	.09150	.01340	.03240	-.13490	.08370	-.05810	6.11770
	GRADIENT	.00072	.00069	-.00008	-.00010	-.00060	-.00057	-.02084	.01302	-.00930	.97124

RUN NO. 1633/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.020	-6.399	.19220	.16000	.14270	.08920	-.09900	-.08050	.12570	-.07980	.06090	-6.31870
-.089	-4.215	.17860	.14780	.14260	.09120	-.08840	-.07070	.08170	-.05240	.04120	-4.15320
-.105	-.201	.16560	.13560	.14170	.09220	-.07600	-.05880	.00350	-.00330	.00410	-.17460
-.029	3.678	.18560	.15480	.14090	.09020	-.09340	-.07550	-.07190	.04360	-.03230	3.65930
.099	5.702	.20260	.17140	.14150	.09030	-.10900	-.09090	-.11330	.06940	-.05190	5.67720
	GRADIENT	.00086	.00086	-.00022	-.00012	-.00061	-.00059	-.01946	.01216	-.00931	.99118

RUN NO. 1634/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.295	-5.626	.36300	.33140	.13650	.08400	-.22470	-.20650	.09240	-.05810	.04970	-5.70690
4.110	-3.675	.34880	.31850	.13740	.08700	-.21360	-.19630	.06200	-.03990	.03410	-3.73740
3.975	.197	.33210	.30220	.13860	.08920	-.19720	-.18000	.00160	-.00280	.00200	.18680
3.801	3.949	.34800	.31790	.13620	.08660	-.21270	-.19530	-.06380	.03780	-.03020	3.98750
3.879	5.837	.35890	.32860	.13500	.08510	-.22390	-.20640	-.09760	.05860	-.04680	5.89150
	GRADIENT	-.00013	-.00010	-.00015	-.00005	.00014	.00015	-.01650	.01019	-.00843	1.01325

IA105A, AEDC PWT-TF470, O T S W/SILTS (RBM032) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1635/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.341	-6.127	-.14780	-.18010	.15240	.09870	.14980	.16840	.15130	-.09780	.05860	-5.89890
-8.380	-3.986	-.16090	-.19090	.14980	.10080	.16040	.17770	.09150	-.05860	.03680	-3.83270
-8.297	.370	-.16420	-.19260	.14740	.10060	.16370	.18010	-.01360	.00900	-.00290	.36880
-8.008	4.324	-.14230	-.17340	.14950	.09860	.14480	.16290	-.10880	.07060	-.03850	4.18690
-7.743	6.339	-.13490	-.16710	.15040	.09750	.13660	.15520	-.16300	.10620	-.05860	6.13390
	GRADIENT	.00219	.00206	-.00004	-.00026	-.00183	-.00174	-.02411	.01555	-.00906	.96511

RUN NO. 1636/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.021	-6.101	.03350	.00400	.14440	.09550	.01180	.02890	.13360	-.08520	.05810	-5.93390
-4.201	-4.115	.01440	-.01460	.14610	.09860	.02800	.04490	.08520	-.05440	.03880	-3.99410
-4.114	.195	.01610	-.01210	.14660	.10010	.02830	.04460	-.00370	.00220	.00060	.13840
-4.005	4.326	.03190	.00220	.14600	.09750	.01370	.03090	-.09410	.05900	-.03770	4.20960
-3.612	6.292	.04620	.01530	.14550	.09470	.00000	.01790	-.13940	.08790	-.05630	6.13150
	GRADIENT	.00206	.00198	-.00001	-.00013	-.00168	-.00165	-.02124	.01343	-.00906	.97189

RUN NO. 1637/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.024	-6.366	.20820	.17940	.14340	.09580	-.11660	-.10010	.12550	-.07970	.05810	-6.28430
-.073	-4.234	.19450	.16680	.14400	.09810	-.10620	-.09020	.08080	-.05160	.03910	-4.17100
-.067	-.221	.19420	.16660	.14450	.09880	-.10450	-.08860	.00410	-.00370	.00410	-.19510
-.007	3.671	.20100	.17300	.14510	.09890	-.11040	-.09420	-.07140	.04320	-.03080	3.06150
.100	5.711	.20790	.17880	.14460	.09690	-.11790	-.10100	-.11320	.06930	-.04920	5.68330
	GRADIENT	.00082	.00078	.00014	.00010	-.00053	-.00050	-.01925	.01199	-.00884	.99089

RUN NO. 1638/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.208	-5.636	.37680	.34810	.14000	.09250	-.24030	-.22380	.09710	-.06120	.04820	-5.70470
4.101	-3.667	.36320	.33510	.14080	.09430	-.22940	-.21320	.06180	-.03970	.03200	-3.72380
3.997	.207	.34870	.32040	.14210	.09550	-.21540	-.19900	-.00150	-.00020	.00120	.19680
3.777	3.960	.35350	.32540	.14090	.09470	-.22190	-.20560	-.06700	.04080	-.02990	3.99600
3.845	5.840	.35690	.32880	.13880	.09300	-.22700	-.21070	-.10120	.06190	-.04550	5.88850
	GRADIENT	-.00128	-.00129	.00001	.00005	.00100	.00101	-.01688	.01055	-.00811	1.01211

1A105A, AEDC PWT-TF470, O T S W/SILTS (RBM033) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1639/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.276	-6.081	-.12980	-.15870	.15620	.10830	.13430	.15090	.15330	-.10110	.05680	-5.86840
-8.422	-3.961	-.14370	-.17180	.15650	.11000	.14570	.16180	.09230	-.06050	.03570	-3.81750
-8.310	.391	-.15040	-.17730	.15410	.10940	.14980	.16530	-.01330	.00810	-.00300	.38600
-8.054	4.358	-.13920	-.16660	.15250	.10740	.13880	.15470	-.10840	.07080	-.03700	4.22820
-7.708	6.359	-.13300	-.16200	.15180	.10400	.13230	.14900	-.16280	.10710	-.05560	6.17140
	GRADIENT	.00051	.00059	-.00048	-.00031	-.00080	-.00083	-.02413	.01578	-.00874	.96715

RUN NO. 1640/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.233	-6.172	.01980	-.00840	.14980	.10260	.01920	.03530	.14310	-.09270	.05600	-6.01290
-4.248	-4.129	.01230	-.01490	.15080	.10600	.02530	.04100	.08940	-.05770	.03620	-4.01790
-4.125	.235	.02230	-.00460	.15060	.10600	.01710	.03250	-.00280	.00020	.00050	.23350
-4.013	4.349	.02020	-.00730	.14800	.10270	.01610	.03210	-.09560	.06010	-.03400	4.24460
-3.602	6.274	.03010	.00160	.14650	.09920	.00680	.02320	-.14260	.09100	-.05170	6.12930
	GRADIENT	.00095	.00091	-.00033	-.00039	-.00109	-.00106	-.02181	.01389	-.00828	.97460

RUN NO. 1641/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.155	-6.413	.19030	.16280	.14520	.09920	-.10970	-.09400	.13060	-.08330	.05570	-6.32470
-.245	-4.234	.17540	.14860	.14630	.10220	-.09870	-.09330	.08250	-.05220	.03630	-4.16630
-.220	-.222	.17930	.15300	.14750	.10410	-.10040	-.08530	.00180	-.00130	.00350	-.13420
-.173	3.658	.17970	.15340	.14690	.10330	-.10160	-.08640	-.07520	.04680	-.02830	3.04710
-.092	5.693	.18360	.15520	.14600	.09870	-.10650	-.09030	-.11820	.07390	-.04570	5.66230
	GRADIENT	.00055	.00061	.00008	.00014	-.00037	-.00039	-.01998	.01254	-.00819	.99003

RUN NO. 1645/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.120	-5.675	.36430	.33720	.14160	.09680	-.23740	-.22180	.10070	-.06450	.04630	-5.73400
4.144	-3.634	.35580	.33020	.14220	.10020	-.23040	-.21560	.06300	-.04080	.02990	-3.68430
3.984	.244	.34380	.31790	.14460	.10200	-.21990	-.20490	-.00200	.00010	.00070	.23520
3.717	3.976	.33890	.31220	.14340	.09920	-.21760	-.20220	-.06790	.04140	-.02740	4.00180
3.983	5.936	.34510	.31770	.14110	.09580	-.22430	-.20850	-.10370	.06390	-.04290	5.97530
	GRADIENT	-.00223	-.00237	.00016	-.00013	.00169	.00177	-.01720	.01080	-.00753	1.00999

IA105A, AEDC PWT-TF470, O T S W/SILTS (RBM034) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1646/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.476	-6.052	-.11490	-.14190	.15620	.11150	.12170	.13730	.15240	-.10260	.05420	-5.87650
-8.492	-3.898	-.12290	-.14920	.15740	.11350	.12810	.14320	.09510	-.06430	.03470	-3.78110
-8.388	.466	-.12900	-.15350	.15530	.11450	.13170	.14570	-.01380	.00900	-.00300	.46470
-7.979	4.446	-.12380	-.14930	.15180	.10960	.12550	.14020	-.10860	.07260	-.03610	4.33740
-7.726	6.446	-.12070	-.14680	.14920	.10580	.12140	.13640	-.15630	.10440	-.05260	6.28840
	GRADIENT	-.00013	-.00003	-.00067	-.00046	-.00029	-.00034	-.02442	.01641	-.00849	.97294

RUN NO. 1647/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.399	-6.182	.01950	-.00740	.14900	.10350	.01700	.03230	.14400	-.09630	.05180	-6.05650
-4.387	-4.098	.00660	-.01980	.15020	.10620	.02630	.04140	.09350	-.06250	.03360	-4.01090
-4.226	.319	.00550	-.01960	.14950	.10770	.02660	.04090	-.00740	.00420	-.00120	.31690
-3.944	4.429	.01120	-.01400	.14490	.10330	.01960	.03410	-.09680	.06320	-.03210	4.34520
-3.575	6.356	.02330	-.00280	.14300	.09960	.00890	.02390	-.14300	.09400	-.04850	6.23910
	GRADIENT	.00053	.00067	-.00062	-.00033	-.00078	-.00085	-.02233	.01475	-.00771	.98002

RUN NO. 1648/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.304	-6.478	.17020	.14410	.14300	.09890	-.09990	-.09510	.13630	-.08980	.05330	-6.39690
-.364	-4.295	.15690	.13140	.14460	.10240	-.08980	-.07510	.08730	-.05720	.03430	-4.23340
-.384	-.283	.14930	.12490	.14580	.10540	-.08380	-.06980	.00530	-.00370	.00380	-.25440
-.342	3.576	.15800	.13280	.14530	.10340	-.09090	-.07640	-.07320	.04730	-.02510	3.57220
-.272	5.621	.15860	.13250	.14330	.09960	-.09310	-.07810	-.11870	.07680	-.04230	5.59860
	GRADIENT	.00013	.00017	.00009	.00013	-.00013	-.00016	-.02033	.01328	-.00755	.99164

RUN NO. 1649/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.247	-5.525	.34010	.31530	.13690	.09570	-.22430	-.21000	.10350	-.06930	.04570	-5.58600
4.136	-3.541	.32830	.30390	.13900	.09880	-.21480	-.20070	.06360	-.04320	.02950	-3.58880
3.791	.327	.31640	.29220	.14190	.10200	-.20660	-.19270	-.00230	-.00060	.00080	.31540
3.679	4.002	.32090	.29600	.14140	.10000	-.21120	-.19690	-.06870	.04280	-.02630	4.02450
3.691	5.854	.32000	.29320	.14120	.09650	-.21160	-.19630	-.10640	.06780	-.04080	5.88460
	GRADIENT	-.00100	-.00106	.00032	.00016	.00049	.00052	-.01754	.01140	-.00726	1.00932

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (R8M035) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1528/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.084	-7.877	-.05380	-.07920	.06080	.02040	.04140	.05650	.18360	-.11830	.05740	-7.76480
-8.155	-3.668	-.07830	-.10160	.06310	.02610	.06110	.07500	.07530	-.04890	.02480	-3.61310
-7.925	.345	-.08480	-.10670	.06240	.02800	.06810	.08120	-.02060	.01310	-.00500	.33970
-7.642	4.240	-.06180	-.08500	.06230	.02560	.04790	.06190	-.10640	.06900	-.03190	4.18070
-7.707	8.183	-.06280	-.08870	.05910	.01810	.04290	.05830	-.19590	.12660	-.05860	8.07760
	GRADIENT	.00207	.00208	-.00010	-.00006	-.00165	-.00164	-.02298	.01491	-.00717	.98562

RUN NO. 1529/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.217	-8.003	.06240	.03790	.06100	.02200	-.03920	-.02470	.17390	-.11360	.05750	-7.90690
-4.263	-3.780	.04360	.02180	.06390	.02950	-.02330	-.01030	.07610	-.05010	.02650	-3.72720
-3.895	.182	.04040	.01950	.06450	.03160	-.01730	-.00480	-.00810	.00480	-.00150	.18000
-3.857	4.142	.06540	.04350	.06230	.02780	-.03960	-.02650	-.09070	.05900	-.02970	4.08570
-3.787	8.144	.07760	.05260	.06000	.02020	-.05320	-.03830	-.17440	.11420	-.05680	8.05020
	GRADIENT	.00275	.00274	-.00020	-.00021	-.00206	-.00204	-.02105	.01377	-.00709	.98615

RUN NO. 1530/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.180	-8.340	.19580	.17190	.05500	.01690	-.13110	-.11700	.16620	-.10950	.06030	-8.27110
-.271	-4.286	.17610	.15490	.05870	.02490	-.11530	-.10280	.08440	-.05510	.03190	-4.23650
-.277	-.259	.15580	.13590	.05940	.02810	-.09760	-.08570	.00310	-.00180	.00270	-.23000
-.241	3.736	.17790	.15700	.05860	.02550	-.11600	-.10340	-.07280	.04800	-.02450	3.74480
-.154	7.758	.19300	.16920	.05590	.01790	-.13140	-.11730	-.15480	.10300	-.05320	7.74890
	GRADIENT	.00022	.00025	-.00001	.00008	-.00008	-.00007	-.01960	.01285	-.00703	.99496

RUN NO. 1531/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.219	-7.787	.35040	.32790	.04250	.00660	-.23850	-.22520	.13080	-.08740	.05620	-7.83900
4.233	-3.881	.33040	.31000	.04660	.01400	-.22280	-.21070	.06180	-.04060	.02770	-3.91690
4.241	.191	.30980	.28990	.04910	.01780	-.20430	-.19230	-.00270	.00180	.00040	.18770
3.872	4.126	.32210	.30130	.04790	.01470	-.21640	-.20410	-.06800	.04480	-.02470	4.14910
3.860	7.959	.32880	.30530	.04540	.00790	-.22610	-.21220	-.13840	.09310	-.05240	7.99660
	GRADIENT	-.00106	-.00111	.00016	.00009	.00082	.00085	-.01621	.01066	-.00555	1.00740

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (RBM035) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1532/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
8.216	-7.684	.47020	.44730	.02920	-.00740	-.32240	-.30880	.10720	-.07160	.05390	-7.80860
8.244	-3.814	.46250	.44270	.03070	-.00090	-.31620	-.30440	.05380	-.03610	.02760	-3.88410
8.171	.204	.44470	.42590	.03280	.00320	-.29950	-.28830	-.00310	.00210	.00070	.19640
7.982	4.165	.45860	.43800	.03170	-.00010	-.31280	-.30090	-.05790	.03850	-.02390	4.21140
7.966	8.027	.46250	.43910	.02930	-.00750	-.31920	-.30550	-.11580	.07830	-.05010	8.12500
	GRADIENT	-.00050	-.00052	.00013	.00010	.00043	.00045	-.01400	.00935	-.00645	1.01459

IA1C5A, AEDC PWT-TF470, 0 T S WO/SILTS (RBM036) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1536/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.221	-5.922	-.06020	-.08500	.07290	.03320	.04910	.06380	.13890	-.08980	.04470	-5.80950
-8.224	-3.802	-.07220	-.09580	.07400	.03640	.05870	.07270	.08170	-.05250	.02700	-3.72890
-8.073	.357	-.09150	-.11410	.07280	.03690	.07540	.08880	-.01560	.00950	-.00310	.35540
-7.973	4.213	-.07150	-.09530	.07180	.03390	.05630	.07050	-.10370	.06680	-.03090	4.14310
-7.788	6.243	-.05800	-.08300	.06980	.02980	.04340	.05820	-.15330	.09950	-.04650	6.13790
	GRADIENT	.00003	.00000	-.00027	-.00031	-.00024	-.00022	-.02314	.01489	-.00722	.98218

RUN NO. 1537/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.284	-6.077	.07170	.04800	.07000	.03220	-.04360	-.02960	.13640	-.09010	.04640	-5.98150
-4.315	-3.948	.06000	.03770	.07100	.03500	-.03430	-.02120	.08430	-.05540	.02950	-3.88000
-3.995	.192	.04320	.02130	.07110	.03610	-.01810	-.00510	-.00400	.00200	.00010	.19270
-3.936	4.257	.07440	.05170	.06900	.03290	-.04490	-.03150	-.09080	.05910	-.02980	4.19030
-3.694	6.258	.09360	.06930	.06750	.02880	-.06150	-.04720	-.13660	.08990	-.04550	6.16560
	GRADIENT	.00174	.00169	-.00024	-.00025	-.00128	-.00124	-.02134	.01395	-.00723	.98354

IA105A, AEDC PWT-TF470, O T S WO/SILTS (RBM038) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1538/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.212	-6.442	.22030	.19740	.06370	.02690	-.14660	-.13310	.13190	-.08780	.04920	-6.37560
-.263	-4.428	.20540	.18350	.06510	.02970	-.13520	-.12240	.08880	-.05850	.03410	-4.37230
-.278	-.393	.17060	.15000	.06600	.03290	-.10620	-.09400	.00660	-.00440	.00390	-.36370
-.209	3.621	.20140	.18030	.06440	.03050	-.13160	-.11910	-.07140	.04670	-.02470	3.62510
-.149	5.634	.21380	.19080	.06380	.02670	-.14310	-.12950	-.11500	.07650	-.04040	5.62760
	GRADIENT	-.00050	-.00040	-.00009	.00010	.00045	.00042	-.01990	.01307	-.00731	.99364

RUN NO. 1539/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.146	-5.695	.38220	.36020	.05370	.01820	-.26010	-.24720	.09980	-.06690	.04430	-5.74810
4.139	-3.776	.37150	.35080	.05440	.02120	-.25190	-.23970	.06680	-.04440	.03060	-3.81970
4.108	.197	.33840	.31780	.05630	.02360	-.22400	-.21180	.00110	-.00130	.00190	.13130
3.812	4.027	.36060	.33910	.05550	.02090	-.24360	-.23090	-.06760	.04420	-.02560	4.05300
3.827	5.932	.36890	.34600	.05500	.01810	-.25180	-.23820	-.10320	.06890	-.03970	5.96840
	GRADIENT	-.00144	-.00154	.00014	-.00003	.00110	.00116	-.01722	.01135	-.00720	1.00895

RUN NO. 1540/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.189	-5.705	.44500	.42280	.05090	.01520	-.30330	-.29020	.09670	-.06520	.04200	-5.77940
6.107	-3.738	.43920	.41870	.05080	.01780	-.29890	-.29680	.06350	-.04290	.02800	-3.73300
6.067	.214	.41460	.39490	.05110	.02000	-.27740	-.26570	-.00080	-.00020	.00210	.20210
5.895	4.110	.43510	.41440	.05080	.01730	-.29540	-.28320	-.06580	.04340	-.02370	4.14140
5.749	5.950	.43010	.40760	.05100	.01480	-.29450	-.28120	-.09770	.06530	-.03700	5.99920
	GRADIENT	-.00054	-.00056	.00000	-.00006	.00046	.00047	-.01647	.01100	-.00659	1.01097

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M037) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1541/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.126	-5.946	-.08510	-.11360	.09520	.04950	.07490	.09180	.14540	-.09310	.04710	-5.81710
-8.206	-3.865	-.09580	-.12110	.09330	.05280	.08370	.09870	.08480	-.05360	.02810	-3.78130
-8.124	.288	-.12270	-.14720	.09180	.05290	.10620	.12070	-.01440	.00830	-.00260	.28650
-7.961	4.225	-.09820	-.12470	.09310	.05070	.08350	.09920	-.10610	.06720	-.03160	4.14530
-7.779	6.245	-.08830	-.11600	.09210	.04730	.07270	.08890	-.15810	.10220	-.04840	6.12560
	GRADIENT	-.00035	-.00050	-.00003	-.00026	.00002	.00011	-.02360	.01493	-.00738	.97976

RUN NO. 1542/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.280	-6.083	.05190	.02680	.08730	.04700	-.02280	-.00800	.13640	-.08860	.04760	-5.97300
-4.300	-3.971	.04200	.01790	.08710	.04850	-.01470	-.00050	.08460	-.05450	.03030	-3.89420
-4.022	.188	.02120	-.00150	.08620	.04980	.00450	.01800	-.00330	.00110	.00030	.18760
-3.958	4.270	.05410	.02960	.08680	.04730	-.02430	-.00980	-.09190	.05810	-.03100	4.19160
-3.701	6.259	.06950	.04360	.08520	.04330	-.03910	-.02380	-.13860	.09030	-.04780	6.15160
	GRADIENT	.00145	.00140	-.00004	-.00014	-.00115	-.00111	-.02141	.01366	-.00744	.98110

RUN NO. 1543/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.185	-6.421	.21620	.19130	.08050	.04040	-.13730	-.12270	.13070	-.08640	.05100	-6.35080
-.247	-4.443	.20010	.17620	.08070	.04230	-.12600	-.11190	.08860	-.05830	.03570	-4.38520
-.279	-.412	.16330	.14150	.07970	.04490	-.09510	-.08210	.00540	-.00350	.00380	-.23260
-.188	3.611	.20080	.17780	.08140	.04430	-.12510	-.11160	-.07090	.04520	-.02540	3.61110
-.095	5.641	.21810	.19320	.08030	.04010	-.14030	-.12570	-.11450	.07500	-.04200	5.62950
	GRADIENT	.00008	.00020	.00009	.00025	.00011	.00004	-.01980	.01285	-.00759	.99281

RUN NO. 1544/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.131	-5.674	.38450	.36080	.07410	.03590	-.25750	-.24360	.10030	-.06540	.04440	-5.72530
4.127	-3.764	.37670	.35430	.07430	.03830	-.25170	-.23840	.06820	-.04460	.03090	-3.80650
4.092	.197	.34370	.32200	.07570	.04120	-.22350	-.21060	.00020	-.00060	.00200	.19010
3.821	4.022	.36500	.34170	.07560	.03790	-.24290	-.22930	-.06880	.04410	-.02590	4.04610
3.837	5.920	.36980	.34570	.07430	.03530	-.24900	-.23490	-.10300	.06650	-.03980	5.95280
	GRADIENT	-.00154	-.00166	.00017	-.00085	.00117	.00120	-.01759	.01139	-.00730	1.00865

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M038) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1545/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.019	-5.962	-.10210	-.13210	.11330	.06530	.09550	.11330	.15040	-.09750	.05050	-5.81670
-8.253	-3.833	-.11960	-.14820	.11370	.06780	.10980	.12670	.08860	-.05670	.03090	-3.73460
-8.083	.388	-.14320	-.16960	.11130	.06930	.13000	.14570	-.01640	.00940	-.00310	.38540
-7.950	4.239	-.12210	-.15090	.11260	.06600	.10990	.12690	-.11150	.07100	-.03410	4.14750
-7.798	6.265	-.10750	-.13810	.11220	.06250	.09530	.11320	-.16330	.10720	-.05160	6.13200
	GRADIENT	-.00039	-.00041	-.00014	-.00021	.00009	.00010	-.02479	.01582	-.00805	.97648

RUN NO. 1546/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.260	-6.107	.03690	.00880	.10740	.06210	-.00520	.01130	.13960	-.09050	.05030	-5.98650
-4.310	-3.990	.02450	-.00220	.10720	.06400	.00470	.02040	.08770	-.05670	.03270	-3.90420
-4.014	.184	.00440	-.02080	.10560	.06510	.02370	.03850	-.00380	.00120	.00030	.18420
-3.978	4.288	.03530	.00800	.10670	.06280	-.00370	.01250	-.09360	.05860	-.03240	4.20220
-3.697	6.279	.05780	.02890	.10580	.05900	-.02360	-.00660	-.13910	.09030	-.04920	6.16440
	GRADIENT	.00129	.00122	-.00006	-.00014	-.00100	-.00094	-.02190	.01393	-.00786	.97926

RUN NO. 1547/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.132	-6.433	.20420	.17690	.10020	.05610	-.12430	-.10830	.12760	-.08260	.05190	-6.35770
-.196	-4.442	.18880	.16260	.09970	.05730	-.11320	-.09790	.08580	-.05470	.03650	-4.37970
-.211	-.415	.15100	.12600	.10070	.06070	-.08130	-.06650	.00620	-.00440	.00440	-.39560
-.115	3.607	.18680	.16110	.10040	.05890	-.11030	-.09510	-.06880	.04200	-.02630	3.60320
-.045	5.635	.20400	.17700	.10040	.05670	-.12620	-.11030	-.11360	.07230	-.04390	5.61820
	GRADIENT	-.00025	-.00019	.00009	.00020	.00036	.00035	-.01921	.01201	-.00780	.99185

RUN NO. 1548/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.181	-5.626	.38670	.36110	.09140	.04970	-.25610	-.24120	.09530	-.06110	.04450	-5.68210
4.132	-3.757	.37270	.34800	.09100	.05100	-.24540	-.23090	.06220	-.03920	.03000	-3.80070
4.034	.192	.33060	.30610	.09460	.05560	-.20960	-.19500	.00200	-.00220	.00190	.18640
3.816	4.002	.36050	.33530	.09340	.05250	-.23530	-.22050	-.06230	.03780	-.02500	4.02680
3.858	5.895	.37520	.34780	.09310	.04860	-.24850	-.23250	-.09830	.06200	-.04050	5.93260
	GRADIENT	-.00163	-.00169	.00031	.00020	.00135	.00139	-.01604	.00992	-.00709	1.00882

IA105A, AEDC PWT-TF470, O T S WD/SILTS (RBM039) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 0.000

RUN NO. 1549/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.242	-6.026	-.14530	-.18000	.13780	.08210	.14050	.16090	.15050	-.09400	.05630	-5.82140
-8.195	-3.873	-.15240	-.18550	.13740	.08410	.14640	.16590	.08830	-.05470	.03480	-3.73850
-8.102	.374	-.17110	-.20420	.13850	.08560	.16300	.18250	-.01390	.00800	-.00250	.37270
-7.957	4.263	-.15080	-.18490	.13820	.08340	.14490	.16490	-.10820	.06710	-.03710	4.13810
-7.791	6.294	-.13820	-.17370	.13670	.07930	.13250	.15330	-.15560	.09930	-.05510	6.11240
	GRADIENT	.00013	.00001	.00010	-.00008	-.00012	-.00006	-.02415	.01497	-.00884	.96815

RUN NO. 1550/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.272	-6.180	.02500	-.00860	.13490	.08070	.01700	.03670	.13590	-.08400	.05760	-6.01510
-4.288	-3.994	.00530	-.02610	.13190	.08090	.03210	.05050	.08390	-.05160	.03690	-3.88060
-4.012	.178	-.00410	-.03570	.13280	.08230	.04310	.06180	-.00250	.00030	.00090	.17970
-3.992	4.298	.02180	-.01100	.13250	.07980	.01960	.03900	-.08980	.05290	-.03700	4.18160
-3.643	6.313	.05210	.01810	.13170	.07690	-.00600	.01410	-.13140	.08080	-.05570	6.15680
	GRADIENT	.00198	.00181	.00007	-.00013	-.00150	-.00138	-.02095	.01260	-.00891	.97228

RUN NO. 1551/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.004	-6.471	.20500	.17230	.13150	.07840	-.11350	-.09430	.12430	-.07620	.06070	-6.38610
-.093	-4.441	.18720	.15610	.12920	.07840	-.09960	-.08150	.08430	-.05180	.04310	-4.37400
-.094	-.414	.17120	.14170	.12670	.07890	-.08490	-.06760	.00760	-.00490	.00700	-.23400
.000	3.621	.20000	.16890	.12780	.07780	-.10780	-.08940	-.07030	.04290	-.03090	3.61610
.144	5.633	.22620	.19390	.12840	.07630	-.13050	-.11150	-.11080	.06780	-.05050	5.61170
	GRADIENT	.00159	.00159	-.00017	-.00007	-.00102	-.00098	-.01918	.01175	-.00918	.99106

RUN NO. 1552/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.255	-5.673	.38730	.35540	.12270	.07010	-.24620	-.22770	.09320	-.05750	.04800	-5.74090
4.115	-3.746	.37320	.34270	.12300	.07290	-.23510	-.21740	.06230	-.03970	.03290	-3.80000
4.019	.192	.34730	.31700	.12590	.07700	-.21180	-.19390	.00310	-.00340	.00280	.18290
3.871	3.980	.37110	.34070	.12290	.07380	-.23250	-.21480	-.06200	.03670	-.02800	4.01350
3.896	5.868	.38550	.35400	.12150	.07060	-.24620	-.22770	-.09520	.05680	-.04410	5.91560
	GRADIENT	-.00031	-.00030	-.00001	.00012	.00036	.00037	-.01608	.00975	-.00788	1.01123

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M040) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1553/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.267	-6.032	-.16330	-.20050	.15110	.09160	.15360	.18170	.15490	-.09980	.05830	-5.82320
-8.217	-3.875	-.17600	-.21200	.15190	.09430	.17070	.19200	.08890	-.05740	.03550	-3.73830
-8.093	.375	-.19040	-.22580	.15320	.09660	.18480	.20570	-.01590	.00970	-.00350	.37020
-7.978	4.276	-.16190	-.19950	.15300	.09340	.15980	.18210	-.11510	.07390	-.04010	4.14170
-7.740	6.333	-.14280	-.18170	.15220	.09000	.14210	.16510	-.16610	.10820	-.05960	6.13570
	GRADIENT	.00165	.00146	.00014	-.00010	-.00127	-.00115	-.02502	.01610	-.00927	.96681

RUN NO. 1560/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.330	-6.233	.00850	-.02870	.14910	.08810	.03280	.05440	.14200	-.09140	.06110	-6.06280
-4.174	-4.006	-.00820	-.04390	.14820	.08950	.04790	.06860	.08770	-.05740	.03900	-3.89580
-3.906	.178	-.01080	-.04670	.14840	.08940	.05460	.07540	-.00720	.00400	-.00060	.17750
-4.001	4.455	.01770	-.01870	.14750	.08810	.02770	.04880	-.10410	.06540	-.04280	4.33040
-3.688	6.358	.04830	.01100	.14740	.08640	.00100	.02270	-.14500	.09240	-.06130	6.19200
	GRADIENT	.00307	.00299	-.00008	-.00017	-.00240	-.00235	-.02267	.01451	-.00967	.97216

RUN NO. 1561/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.012	-6.409	.20130	.16460	.14580	.08540	-.10820	-.08700	.13200	-.08460	.06360	-6.32820
-.075	-4.396	.18480	.15050	.14530	.08850	-.09500	-.07520	.09280	-.06130	.04520	-4.33560
-.113	-.350	.15520	.12050	.14760	.09030	-.06780	-.04770	.00890	-.00740	.00630	-.72340
-.030	3.704	.18060	.14510	.14740	.08920	-.08860	-.06800	-.07280	.04430	-.03280	3.09680
.116	5.852	.20140	.16350	.14890	.08690	-.10720	-.08510	-.11670	.07210	-.05300	5.82850
	GRADIENT	-.00052	-.00066	.00026	.00009	.00079	.00089	-.02044	.01304	-.00963	.99157

RUN NO. 1562/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.246	-5.620	.36820	.33130	.14380	.03280	-.22780	-.20650	.08930	-.05600	.04920	-5.70070
4.110	-3.696	.35310	.31760	.14330	.08460	-.21530	-.19480	.05640	-.03570	.03360	-3.75860
3.896	.199	.32180	.28560	.14740	.08760	-.18720	-.16630	-.00220	.00010	.00090	.18930
3.839	3.937	.34890	.31310	.14250	.08350	-.21210	-.19140	-.06490	.03900	-.03050	3.97620
3.885	5.830	.35990	.32360	.14180	.08230	-.22300	-.20200	-.09810	.05970	-.04690	5.68550
	GRADIENT	-.00060	-.00064	-.00010	-.00014	.00047	.00049	-.01589	.00978	-.00827	1.01330

IA105A, AEDC PWT-TF470, O T S W0/SILTS (RBM041) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1563/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.307	-6.109	-.15180	-.18710	.15120	.09330	.15130	.17170	.14480	-.09210	.05710	-5.88670
-8.191	-3.915	-.15740	-.19080	.15030	.09560	.15680	.17620	.08450	-.05380	.03410	-3.77810
-8.185	.342	-.17180	-.20340	.14890	.09700	.16870	.18700	-.01450	.00800	-.00280	.33870
-8.015	4.313	-.15290	-.18720	.15120	.09510	.15240	.17240	-.10820	.06770	-.03800	4.17710
-7.783	6.377	-.13950	-.17560	.15230	.09310	.13990	.16080	-.15770	.10140	-.05800	6.17180
	GRADIENT	.00050	.00040	.00010	-.00006	-.00049	-.00043	-.02342	.01476	-.00876	.96681

RUN NO. 1564/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.953	-6.221	-.04760	-.08030	.14790	.09420	.07270	.09160	.13810	-.08740	.05880	-6.01980
-6.285	-4.045	-.07890	-.11120	.14760	.09450	.09770	.11640	.08380	-.05320	.03660	-3.91070
-6.197	.213	-.08870	-.11970	.14610	.09500	.10760	.12550	-.01080	.00520	-.00200	.20750
-6.009	4.288	-.06140	-.09590	.14860	.09180	.08430	.10420	-.09800	.06000	-.03810	4.15350
-5.908	6.366	-.05020	-.08600	.14890	.09030	.07290	.09370	-.14800	.09400	-.05840	6.17190
	GRADIENT	.00207	.00181	.00012	-.00032	-.00158	-.00144	-.02182	.01359	-.00897	.96774

RUN NO. 1565/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.167	.206	-.00120	-.03230	.14500	.09380	.04390	.06180	-.00320	.00010	.00030	.20320
-4.040	4.344	.02260	-.01000	.14530	.09200	.02220	.04110	-.09280	.05640	-.03920	4.21980
-3.642	6.367	.04920	.01590	.14560	.09100	-.00090	.01850	-.13690	.08550	-.05880	6.13900
	GRADIENT	.00575	.00539	.00007	-.00039	-.00524	-.00500	-.02165	.01360	-.00954	.97059

RUN NO. 1566/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.015	-6.207	.20440	.17230	.14540	.09240	-.11150	-.09290	.11980	-.07610	.05860	-6.12950
-.059	-4.209	.19520	.16380	.14440	.09260	-.10450	-.08640	.08000	-.05140	.04050	-4.14890
-.077	-.329	.18340	.15320	.14370	.09390	-.09280	-.07540	.00470	-.00400	.00500	-.30240
.039	3.838	.20950	.17900	.14270	.09260	-.11500	-.09740	-.07630	.04660	-.03350	3.82930
.172	5.826	.22390	.19200	.14120	.08890	-.12880	-.11030	-.11550	.07090	-.05200	5.80170
	GRADIENT	.00183	.00194	-.00021	-.00000	-.00135	-.00142	-.01942	.01218	-.00920	.99140

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M041) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1567/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.284	-5.563	.37270	.34080	.13980	.08700	-.23480	-.21640	.08880	-.05560	.04810	-5.64240
4.113	-3.684	.35950	.32790	.13990	.08770	-.22430	-.20610	.06070	-.03890	.03380	-3.74790
3.992	.196	.34970	.31980	.14180	.09230	-.21330	-.19600	.00140	-.00290	.00230	.18410
3.798	3.931	.36260	.33190	.13800	.08760	-.22620	-.20840	-.06350	.03750	-.02930	3.96650
3.872	5.832	.37340	.34240	.13650	.08560	-.23730	-.21930	-.09740	.05850	-.04570	5.88240
	GRADIENT	.00039	.00051	-.00024	-.00001	-.00023	-.00028	-.01630	.01003	-.00828	1.01300

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M042) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1568/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.238	-6.092	-.12800	-.15990	.15260	.10050	.13140	.14990	.14600	-.09440	.05690	-5.87090
-8.307	-3.919	-.14370	-.17400	.15140	.10190	.14420	.16190	.08660	-.05540	.03520	-3.77220
-8.140	.350	-.14030	-.16880	.14810	.10130	.14200	.15850	-.01590	.01060	-.00340	.34820
-8.012	4.315	-.12660	-.15800	.15040	.09910	.12970	.14790	-.11310	.07340	-.03980	4.17540
-7.758	6.417	-.11600	-.14880	.15080	.09690	.11900	.13800	-.16600	.10880	-.05950	6.21140
	GRADIENT	.00206	.00193	-.00013	-.00034	-.00174	-.00169	-.02425	.01564	-.00911	.96517

RUN NO. 1569/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.270	-6.214	.03780	.00810	.14620	.09730	.00470	.02190	.13520	-.08650	.05850	-6.04190
-4.309	-4.041	.02400	-.00520	.14730	.09930	.01720	.03420	.08210	-.05240	.03710	-3.92360
-4.105	.197	.03010	.00160	.14760	.10070	.01440	.03090	-.00660	.00400	-.00020	.19860
-4.026	4.355	.04710	.01730	.14640	.09770	-.00150	.01580	-.09680	.06090	-.03800	4.23910
-3.659	6.375	.06100	.02920	.14550	.09350	-.01480	.00360	-.14150	.09020	-.05660	6.21680
	GRADIENT	.00275	.00268	-.00011	-.00019	-.00222	-.00219	-.02131	.01349	-.00894	.97220

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M042) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1570/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.005	-6.212	.21820	.18920	.14490	.09700	-.12770	-.11100	.12050	-.07680	.05600	-6.13220
-.047	-4.195	.21060	.18220	.14560	.09880	-.12140	-.10500	.07830	-.05000	.03820	-4.13390
-.037	-.339	.20860	.18080	.14530	.09950	-.11830	-.10230	.00490	-.00420	.00500	-.31230
.040	3.843	.21880	.19070	.14540	.09910	-.12710	-.11080	-.07580	.04620	-.03230	3.83330
.148	5.821	.22590	.19670	.14470	.09680	-.13500	-.11800	-.11650	.07170	-.05010	5.79390
	GRADIENT	.00104	.00108	-.00002	.00004	-.00073	-.00074	-.01917	.01197	-.00877	.99117

RUN NO. 1571/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.289	-5.563	.38850	.35970	.14190	.09440	-.25140	-.23480	.09400	-.05930	.04710	-5.63410
4.098	-3.679	.37420	.34610	.14370	.09720	-.24070	-.22440	.06200	-.03950	.03240	-3.73590
3.967	.211	.36070	.33240	.14460	.09800	-.22740	-.21100	-.00240	.00050	.00130	.13990
3.789	3.935	.36340	.33510	.14220	.09570	-.23200	-.21570	-.06740	.04120	-.02940	3.96850
3.875	5.840	.36920	.34060	.14010	.09340	-.23890	-.22230	-.10100	.06200	-.04510	5.88790
	GRADIENT	-.00143	-.00146	-.00019	-.00019	.00116	.00116	-.01699	.01060	-.00812	1.01198

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M043) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1573/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.262	-6.073	-.12160	-.15120	.15710	.10800	.12500	.14210	.14820	-.09790	.05510	-5.86690
-8.310	-3.897	-.13080	-.15910	.15710	.11030	.13300	.14930	.08640	-.05670	.03340	-3.76220
-8.124	.396	-.13200	-.15890	.15530	.11100	.13320	.14870	-.01730	.01080	-.00430	.38720
-8.020	4.360	-.12140	-.14970	.15290	.10620	.12240	.13870	-.11210	.07350	-.03800	4.22880
-7.810	6.432	-.12010	-.15050	.15350	.10330	.11980	.13740	-.16820	.11120	-.05720	6.24220
	GRADIENT	.00112	.00112	-.00051	-.00049	-.00127	-.00127	-.02404	.01577	-.00865	.96783

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M043) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1575/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.287	-6.166	.02830	-.00100	.15230	.10340	.01020	.02700	.13940	-.09040	.05450	-6.01040
-4.374	-4.036	.01750	-.01020	.15270	.10690	.01860	.03460	.08530	-.05510	.03450	-3.92880
-4.114	.232	.03340	.00670	.15260	.10830	.00570	.02110	-.00350	.00070	.00060	.23140
-4.065	4.376	.03880	.01080	.14950	.10310	-.00050	.01570	-.10000	.06330	-.03560	4.26820
-3.699	6.409	.04350	.01380	.14800	.09890	-.00630	.01080	-.14800	.09530	-.05350	6.26190
	GRADIENT	.00254	.00250	-.00030	-.00045	-.00227	-.00[illegible]	-.02202	.01407	-.00833	.97443

RUN NO. 1577/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.159	-6.360	.19970	.17220	.14690	.10100	-.11960	-.10380	.12800	-.08160	.05490	-6.27290
-.231	-4.245	.18580	.15920	.14780	.10380	-.10930	-.09400	.08140	-.05160	.03610	-4.17740
-.182	-.362	.19400	.16800	.14980	.10690	-.11400	-.09900	.00270	-.00170	.00440	-.33330
-.138	3.676	.19510	.16810	.14850	.10380	-.11600	-.10040	-.07650	.04780	-.02880	3.66580
-.044	5.859	.19840	.16980	.14800	.10070	-.12040	-.10390	-.12300	.07720	-.04740	5.82680
	GRADIENT	.00117	.00112	.00009	-.00001	-.00084	-.00080	-.01993	.01255	-.00819	.99017

RUN NO. 1578/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.254	-5.587	.37850	.35200	.14370	.09990	-.25030	-.23500	.09860	-.06300	.04630	-5.65150
4.102	-3.647	.36420	.33790	.14450	.10120	-.23910	-.22380	.06160	-.03980	.03030	-3.69920
3.804	.245	.35460	.32840	.14830	.10520	-.23010	-.21490	-.00390	.00120	.00060	.23340
3.769	3.962	.35350	.32710	.14500	.10120	-.23110	-.21590	-.06900	.04180	-.02780	3.98690
3.796	5.837	.35410	.32590	.14400	.09760	-.23360	-.21740	-.10470	.06420	-.04310	5.87230
	GRADIENT	-.00141	-.00143	.00007	.00001	.00106	.00105	-.01716	.01072	-.00764	1.01015

IA105A, AEDC PWT-TF470, O T S HO/SILTS (R8M044) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1579/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	EETAS
-8.428	-6.030	-.10560	-.13250	.15820	.11450	.11250	.12810	.14740	-.09950	.05270	-5.85770
-8.411	-3.855	-.11290	-.13900	.15940	.11630	.11870	.13380	.08770	-.05920	.03230	-3.74380
-8.231	.475	-.11620	-.14070	.15730	.11670	.11970	.13390	-.01850	.01210	-.00410	.47220
-8.012	4.455	-.11150	-.13690	.15320	.11110	.11400	.12860	-.11200	.07510	-.03730	4.34200
-7.763	6.494	-.10630	-.13270	.15110	.10730	.10780	.12300	-.16260	.10880	-.05440	6.33170
	GRADIENT	.00015	.00024	-.00074	-.00062	-.00055	-.00062	-.02404	.01617	-.00838	.97299

RUN NO. 1580/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.462	-6.161	.02650	.00000	.15100	.10650	.00930	.02450	.14140	-.09490	.05120	-6.03550
-4.481	-4.016	.01420	-.01150	.15290	.11000	.01850	.03330	.08880	-.05950	.03210	-3.93080
-4.183	.312	.01860	-.00610	.15150	.11030	.01420	.02850	-.00840	.00460	-.00120	.30980
-3.959	4.439	.02530	.00010	.14680	.10490	.00660	.02110	-.10150	.06670	-.03350	4.35270
-3.646	6.504	.03840	.01180	.14490	.10070	-.00500	.01030	-.14960	.09870	-.05060	6.38350
	GRADIENT	.00131	.00137	-.00072	-.00060	-.00140	-.00144	-.02251	.01493	-.00776	.97980

RUN NO. 1581/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.308	-6.308	.18070	.15450	.14590	.10210	-.11010	-.09510	.12950	-.08570	.05110	-6.23120
-.386	-4.257	.16720	.14160	.14760	.10500	-.09950	-.08480	.08500	-.05600	.03380	-4.19610
-.375	-.423	.16510	.14060	.14800	.10750	-.09780	-.08370	.00520	-.00350	.00400	-.23370
-.309	3.750	.17660	.15140	.14660	.10460	-.10740	-.09290	-.07970	.05180	-.02770	3.74480
-.228	5.739	.17940	.15310	.14540	.10180	-.11070	-.09570	-.12360	.08020	-.04430	5.71630
	GRADIENT	.00120	.00124	-.00013	-.00006	-.00101	-.00103	-.02057	.01346	-.00768	.93174

RUN NO. 1582/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.311	-5.444	.35230	.32700	.13910	.09720	-.23560	-.22110	.10000	-.06690	.04510	-5.50740
4.121	-3.564	.33790	.31240	.14170	.09960	-.22450	-.20980	.06340	-.04290	.02930	-3.61340
3.859	.328	.33050	.30590	.14420	.10340	-.21930	-.20510	-.00370	.00050	.00080	.31500
3.633	3.975	.33190	.30640	.14380	.10150	-.22190	-.20730	-.07090	.04460	-.02680	3.99720
3.687	5.855	.33200	.30490	.14330	.09830	-.22300	-.20740	-.10890	.06960	-.04170	5.88600
	GRADIENT	-.00081	-.00081	.00028	.00026	.00036	.00034	-.01781	.01160	-.00744	1.00954

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M045) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1619/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.240	-7.912	-.03880	-.06470	.06380	.01990	.02840	.04310	.19020	-.12240	.05920	-7.79610
-8.185	-3.736	-.05980	-.08440	.06690	.02570	.04600	.06010	.08130	-.05260	.02640	-3.67900
-8.038	.306	-.07330	-.09440	.06570	.03100	.05810	.07030	-.01500	.00970	-.00390	.30170
-7.727	4.279	-.05000	-.07400	.06610	.02740	.03790	.05200	-.10130	.06530	-.03120	4.21690
-7.758	8.237	-.05050	-.07640	.06150	.01980	.03120	.04650	-.19650	.12680	-.06010	8.12340
	GRADIENT	.00121	.00129	-.00010	.00022	-.00100	-.00100	-.02279	.01471	-.00719	.98523

RUN NO. 1620/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.206	-8.027	.08550	.06090	.06490	.02510	-.05750	-.04300	.17690	-.11550	.05850	-7.92910
-4.308	-3.801	.06240	.04060	.06790	.03270	-.03850	-.02570	.07890	-.05180	.02700	-3.74700
-3.970	.188	.05430	.03390	.06760	.03490	-.02940	-.01750	-.00450	.00260	-.00120	.18630
-3.891	4.170	.08120	.05950	.06650	.03190	-.05230	-.03940	-.08680	.05610	-.02920	4.11240
-3.606	8.284	.09830	.07280	.06230	.02160	-.07070	-.05570	-.17760	.11600	-.05950	8.18500
	GRADIENT	.00236	.00237	-.00018	-.00010	-.00173	-.00172	-.02079	.01354	-.00705	.98596

RUN NO. 1621/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.199	-8.356	.21850	.19480	.05980	.03080	-.14920	-.13500	.16740	-.11020	.06080	-8.00630
-.201	-4.244	.19710	.17710	.06300	.03050	-.13210	-.12040	.08240	-.05370	.03080	-4.19490
-.232	-.203	.17910	.15880	.06400	.03140	-.11590	-.10400	.00450	-.00280	.00250	-.17630
-.195	3.811	.19800	.17570	.06350	.02770	-.13210	-.11890	-.07260	.04740	-.02520	3.81940
-.118	7.833	.21110	.18650	.06060	.02120	-.14680	-.13220	-.15320	.10140	-.05380	7.82320
	GRADIENT	.00011	-.00018	.00006	-.00035	.00000	.00019	-.01924	.01255	-.00695	.99487

RUN NO. 1622/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.139	-7.742	.36230	.33870	.04730	.00960	-.24920	-.23530	.12900	-.08600	.05480	-7.79080
4.234	-3.844	.36000	.33920	.05250	.01890	-.24600	-.23370	.06370	-.04170	.02760	-3.87790
4.149	.192	.32830	.30800	.05430	.02160	-.21980	-.20780	-.00170	.00110	-.00040	.19120
3.854	4.099	.33920	.31800	.05370	.01960	-.23080	-.21830	-.06480	.04220	-.02440	4.12300
3.907	7.946	.35000	.32620	.05040	.01240	-.24380	-.22980	-.13430	.08980	-.05220	7.98600
	GRADIENT	-.00265	-.00270	.00015	.00009	.00194	.00196	-.01618	.01056	-.00655	1.00729

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M046) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1614/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.343	-5.965	-.04950	-.07530	.07670	.03280	.03940	.05400	.14470	-.09300	.04620	-5.84900
-8.266	-3.837	-.05840	-.08220	.07730	.03720	.04700	.06060	.08360	-.05340	.02740	-3.76330
-8.188	.339	-.08470	-.10730	.07700	.03920	.06870	.08170	-.01320	.00820	-.00310	.33560
-7.993	4.256	-.05990	-.08360	.07560	.03660	.04630	.06000	-.10080	.06470	-.03100	4.18160
-7.831	6.290	-.04840	-.07360	.07400	.03280	.03470	.04930	-.15130	.09740	-.04680	6.17950
	GRADIENT	-.00025	-.00024	-.00021	-.00007	-.00003	-.00002	-.02279	.01459	-.00722	.98162

RUN NO. 1615/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.336	-6.111	.08650	.06310	.07430	.03600	-.05580	-.04220	.13660	-.08950	.04640	-6.01290
-4.330	-3.952	.07470	.05230	.07520	.03840	-.04680	-.03380	.08260	-.05370	.02880	-3.88430
-4.067	.196	.05400	.03200	.07550	.03960	-.02790	-.01500	-.00360	.00210	-.00070	.19510
-3.933	4.275	.08670	.06480	.07280	.03730	-.05580	-.04300	-.08900	.05750	-.03030	4.20460
-3.722	6.330	.10320	.07970	.07210	.03400	-.07040	-.05660	-.13540	.08610	-.04620	6.23230
	GRADIENT	.00144	.00150	-.00029	-.00013	-.00108	-.00110	-.02086	.01352	-.00718	.98324

RUN NO. 1616/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.146	-6.236	.23950	.21720	.06830	.03210	-.16210	-.14910	.12290	-.08110	.04640	-6.17140
-.216	-4.130	.22310	.20170	.06950	.03450	-.14970	-.13730	.07760	-.05040	.03020	-4.07650
-.224	-.317	.19410	.17370	.06970	.03650	-.12530	-.11330	.00190	-.00090	.00200	-.03760
-.153	3.901	.22240	.20120	.06890	.03440	-.14870	-.13620	-.07680	.05000	-.02720	3.90360
-.060	5.831	.23850	.21580	.06790	.03120	-.16300	-.14980	-.11730	.07710	-.04210	5.82310
	GRADIENT	.00003	.00005	-.00008	-.00002	.00002	.00004	-.01922	.01249	-.00714	.99370

RUN NO. 1617/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.112	-5.654	.40250	.38070	.05880	.02320	-.27680	-.26410	.09730	-.06460	.04300	-5.70490
4.152	-3.747	.39160	.37090	.05890	.02500	-.26900	-.25690	.06280	-.04120	.02860	-3.78780
4.104	.201	.35980	.33950	.06050	.02760	-.24220	-.23030	-.00020	-.00010	.00060	.19830
3.755	3.998	.38010	.35910	.06010	.02600	-.26030	-.24810	-.06640	.04280	-.02590	4.02510
3.690	5.851	.38310	.36020	.06070	.02360	-.26430	-.25090	-.09990	.06570	-.03900	5.88530
	GRADIENT	-.00153	-.00157	.00016	.00013	.00116	.00117	-.01668	.01084	-.00704	1.00873

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M046) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1618/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.137	-5.675	.46200	.43990	.05500	.01920	-.31800	-.30510	.09290	-.06220	.04000	-5.74530
6.030	-3.703	.45630	.43600	.05490	.02170	-.31410	-.30220	.06030	-.04040	.02610	-3.75210
6.019	.211	.43470	.41530	.05540	.02400	-.29460	-.28320	-.00220	.00110	.00130	.20130
5.844	4.071	.45240	.43150	.05540	.02140	-.31020	-.29800	-.06480	.04220	-.02360	4.10140
5.709	5.917	.44850	.42610	.05680	.02050	-.30960	-.29660	-.09730	.06400	-.03650	5.96340
	GRADIENT	-.00051	-.00059	.00006	-.00004	.00051	.00055	-.01609	.01063	-.00639	1.01025

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M047) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1588/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.310	-6.000	-.07680	-.10400	.09760	.05270	.06710	.08280	.14980	-.09580	.04910	-5.86210
-8.257	-3.857	-.08770	-.11350	.09660	.05410	.07620	.09100	.08730	-.05540	.02980	-3.76650
-8.202	.340	-.11790	-.14270	.09470	.05400	.10100	.11540	-.01580	.01030	-.00340	.33250
-8.003	4.262	-.09350	-.11970	.09630	.05340	.07860	.09380	-.10660	.06750	-.03200	4.18020
-7.868	6.301	-.08810	-.11570	.09670	.05120	.07130	.08740	-.15680	.09940	-.04760	6.17940
	GRADIENT	-.00079	-.00084	-.00004	-.00009	.00036	.00041	-.02389	.01514	-.00761	.97865

RUN NO. 1589/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.271	-6.105	.06630	.04070	.09150	.04940	-.03430	-.01940	.13570	-.08730	.04780	-5.99210
-4.341	-3.998	.05110	.02640	.09070	.05030	-.02300	-.00860	.08700	-.05660	.03210	-3.91740
-4.088	.193	.02580	.00250	.08980	.05150	-.00050	.01300	-.00460	.00250	-.00060	.19160
-3.967	4.281	.06030	.03610	.08990	.05020	-.03090	-.01680	-.09160	.05780	-.03140	4.20080
-3.753	6.346	.07350	.04780	.09080	.04870	-.04340	-.02850	-.13650	.08600	-.04670	6.23370
	GRADIENT	.00108	.00114	-.00010	-.00001	-.00093	-.00096	-.02157	.01382	-.00767	.98054

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M047) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1590/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.117	-6.491	.23670	.21230	.08390	.04390	-.15400	-.13980	.12730	-.08320	.05060	-6.41990
-.181	-4.145	.21860	.19520	.08430	.04620	-.14130	-.12780	.07960	-.05230	.03360	-4.09000
-.213	-.312	.18730	.16560	.08440	.04900	-.11510	-.10250	.00440	-.00280	.00360	-.28290
-.159	3.697	.21890	.19580	.08490	.04700	-.14070	-.12730	-.07280	.04650	-.02690	3.69700
-.059	5.872	.23600	.21150	.08410	.04400	-.15590	-.14160	-.11640	.07490	-.04350	5.85760
	GRADIENT	.00010	.00013	.00005	.00010	.00003	.00002	-.01943	.01260	-.00771	.99298

RUN NO. 1591/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.240	-5.722	.40530	.38180	.07910	.04080	-.27480	-.26110	.09920	-.06430	.04360	-5.77220
4.161	-3.737	.39540	.37300	.07753	.04080	-.26790	-.25490	.06610	-.04320	.02950	-3.77860
4.069	.201	.36300	.34100	.08080	.04490	-.24040	-.22750	.00020	-.00060	.00110	.19680
3.745	3.947	.37950	.35690	.07880	.04170	-.25640	-.24330	-.06720	.04270	-.02570	3.97090
3.820	5.883	.38900	.36460	.08130	.04130	-.26500	-.25090	-.10160	.06420	-.03970	5.91380
	GRADIENT	-.00212	-.00215	.00017	.00013	.00154	.00156	-.01734	.01118	-.00718	1.00853

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M048) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1592/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.094	-6.112	-.09090	-.12100	.11830	.06970	.08600	.10360	.15760	-.10200	.05270	-5.96080
-8.246	-3.885	-.10270	-.13150	.11650	.06960	.09500	.11170	.09360	-.06020	.03210	-3.78620
-8.212	.298	-.13760	-.16410	.11470	.07130	.12390	.13930	-.01360	.00840	-.00260	.29680
-7.743	4.325	-.10270	-.13120	.11470	.06780	.09330	.10980	-.10960	.06990	-.03390	4.23300
-7.936	6.324	-.10920	-.14110	.11920	.06680	.09620	.11470	-.16510	.10710	-.05250	6.18190
	GRADIENT	-.00005	-.00001	-.00022	-.00022	-.00016	-.00019	-.02476	.01585	-.00804	.97678

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M048) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1593/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.268	-6.134	.05280	.02440	.11140	.06450	-.01840	-.00200	.14210	-.09200	.05060	-6.01330
-4.334	-4.011	.03930	.01210	.11090	.06590	-.00790	.00780	.09050	-.05870	.03340	-3.92510
-4.100	.190	.01350	-.01300	.11160	.06800	.01600	.03130	-.00310	.00110	-.00010	.18870
-3.974	4.296	.04750	.02000	.11000	.06480	-.01480	.00110	-.09480	.05940	-.03280	4.20950
-3.742	6.349	.06480	.03610	.11000	.06270	-.03110	-.01440	-.14280	.09130	-.05020	6.22960
	GRADIENT	.00096	.00092	-.00011	-.00013	-.00081	-.00078	-.02231	.01422	-.00797	.97921

RUN NO. 1594/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.068	-6.221	.22650	.19940	.10300	.05820	-.14250	-.12680	.12240	-.07890	.04990	-6.14840
-.142	-4.175	.20680	.18070	.10330	.06010	-.12810	-.11310	.07940	-.05080	.03400	-4.11720
-.160	-.325	.16890	.14400	.10430	.06320	-.09620	-.08180	.00370	-.00280	.00320	-.29690
-.094	3.674	.20270	.17710	.10370	.06160	-.12400	-.10920	-.07190	.04460	-.02740	3.67070
.016	5.891	.22540	.19830	.10320	.05860	-.14410	-.12840	-.11770	.07460	-.04520	5.87280
	GRADIENT	-.00046	-.00040	.00005	.00019	.00047	.00045	-.01927	.01215	-.00782	.99217

RUN NO. 1595/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.168	-5.644	.40160	.37600	.09510	.05270	-.26960	-.25490	.09410	-.06020	.04380	-5.69860
4.140	-3.721	.39070	.36630	.09350	.05310	-.26190	-.24780	.06190	-.03940	.02930	-3.76390
3.995	.200	.35020	.32520	.09800	.05690	-.22700	-.21250	.00110	-.00120	.00110	.13650
3.783	3.971	.37870	.35370	.09650	.05520	-.25210	-.23760	-.06260	.03790	-.02520	3.99480
3.844	5.873	.38640	.36040	.09540	.05250	-.25990	-.24480	-.09670	.06060	-.04000	5.91020
	GRADIENT	-.00162	-.00170	.00040	.00028	.00132	.00138	-.01618	.01005	-.00709	1.00876

1A105A, AEDC PWT-TF470, O T S W/SILTS (R8M049) (08 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1596/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.253	-6.059	-.12710	-.16140	.13910	.08370	.12490	.14500	.15210	-.09530	.05680	-5.85460
-8.285	-3.918	-.14270	-.17610	.14090	.08620	.13760	.15700	.09240	-.05770	.03610	-3.77990
-8.206	.341	-.16560	-.19910	.14270	.08770	.15750	.17700	-.01220	.00710	-.00220	.34050
-7.985	4.303	-.14640	-.18090	.14080	.08400	.13960	.15960	-.10880	.06770	-.03760	4.17560
-7.819	6.370	-.13170	-.16740	.14010	.08130	.12570	.14640	-.16110	.10130	-.05690	6.17870
	GRADIENT	-.00051	-.00064	-.00001	-.00026	.00030	.00037	-.02447	.01525	-.00896	.96765

RUN NO. 1597/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.184	-6.146	.04230	.00800	.13840	.08190	.00240	.02230	.13640	-.08440	.05800	-5.98190
-4.355	-4.052	.01670	-.01560	.13560	.08210	.02190	.04050	.08770	-.05420	.03820	-3.93580
-4.085	.183	.00360	-.02850	.13650	.08340	.03560	.05420	-.00130	-.00010	.00090	.18440
-4.008	4.322	.02870	-.00420	.13580	.08150	.01250	.03150	-.09040	.05330	-.03740	4.20410
-3.664	6.373	.05700	.02230	.13600	.07900	-.01190	.00820	-.13540	.08220	-.05690	6.21110
	GRADIENT	.00142	.00134	.00002	-.00007	-.00111	-.00106	-.02127	.01284	-.00903	.97207

RUN NO. 1598/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.067	-6.212	.22310	.18940	.13430	.07870	-.12820	-.10870	.11820	-.07270	.05790	-6.13190
-.040	-4.189	.20190	.17180	.13110	.08070	-.11250	-.09520	.07820	-.04820	.04010	-4.12630
-.034	-.327	.19030	.15980	.13200	.08130	-.10000	-.08240	.00540	-.00340	.00570	-.03800
.041	3.848	.21210	.18130	.12910	.07850	-.11910	-.10130	-.07540	.04620	-.03340	3.04160
.203	5.823	.24550	.21230	.13690	.08260	-.14550	-.12620	-.11570	.07110	-.05250	5.80220
	GRADIENT	.00132	.00124	-.00025	-.00028	-.00087	-.00081	-.01911	.01175	-.00915	.99135

RUN NO. 1599/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.099	-5.594	.39610	.36370	.12800	.07410	-.25340	-.23490	.09150	-.05650	.04660	-5.65720
4.130	-3.699	.38470	.35420	.12600	.07520	-.24520	-.22770	.06070	-.03770	.03170	-3.75150
4.088	.196	.36040	.32920	.12970	.07810	-.22270	-.20470	.00210	-.00250	.00240	.18770
3.738	3.934	.37530	.34460	.12640	.07570	-.23730	-.21960	-.06250	.03710	-.02760	3.96400
3.852	5.830	.39270	.36100	.12690	.07500	-.25260	-.23420	-.09460	.05640	-.04340	5.87530
	GRADIENT	-.00127	-.00129	.00006	.00007	.00107	.00110	-.01613	.00979	-.00777	1.01080

IA105A, AEDC PWT-TF470, O T S W/SILTS (R8M050) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1600/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.176	-6.122	-.14530	-.18270	.15380	.09270	.14480	.16670	.15920	-.10280	.05970	-5.90970
-8.311	-3.922	-.16800	-.20470	.15580	.09560	.16340	.18470	.09340	-.06050	.03680	-3.78220
-8.183	.343	-.18430	-.22030	.15630	.09710	.17870	.19950	-.01380	.00860	-.00280	.34060
-8.029	4.314	-.16070	-.19790	.15590	.09460	.15710	.17860	-.11560	.07480	-.04030	4.18040
-7.781	6.381	-.13820	-.17680	.15620	.09240	.13720	.15950	-.16960	.10970	-.06060	6.18060
	GRADIENT	.00083	.00077	.00001	-.00012	-.00071	-.00069	-.02537	.01643	-.00936	.96685

RUN NO. 1602/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.174	-6.179	.03220	-.00460	.15210	.09130	.01440	.03570	.14430	-.09310	.06160	-6.01280
-4.379	-4.037	-.00300	-.03850	.15090	.09220	.04250	.06300	.09230	-.06040	.04010	-3.92240
-4.103	.185	-.01490	-.05100	.15290	.09320	.05690	.07770	-.00400	.00160	-.00010	.18420
-4.031	4.326	.02360	-.01200	.15040	.09190	.02240	.04300	-.10030	.06330	-.04170	4.20460
-3.635	6.387	.05620	.01890	.15100	.08980	-.00600	.01570	-.14530	.09200	-.06140	6.22020
	GRADIENT	.00316	.00315	-.00006	-.00003	-.00238	-.00237	-.02303	.01479	-.00978	.97174

RUN NO. 1603/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.067	-6.218	.21830	.18310	.14810	.08990	-.12200	-.10170	.12940	-.08330	.06170	-6.14130
-.029	-4.166	.20230	.16760	.14820	.09070	-.10900	-.08900	.08950	-.05930	.04300	-4.10820
-.064	-.340	.17400	.13980	.15100	.09410	-.08260	-.06300	.00860	-.00690	.00580	-.31220
.028	3.866	.19920	.16330	.15000	.09090	-.10430	-.08340	-.07360	.04480	-.03350	3.85890
.139	5.824	.21210	.17480	.15180	.09070	-.11610	-.09440	-.11540	.07150	-.05290	5.80190
	GRADIENT	-.00028	-.00043	.00022	.00001	.00049	.00061	-.02029	.01295	-.00952	.99187

RUN NO. 1604/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.108	-5.596	.37230	.33630	.14540	.08520	-.23090	-.21030	.08860	-.05520	.04760	-5.66840
4.150	-3.692	.36730	.33130	.14640	.08660	-.22640	-.20560	.05950	-.03760	.03300	-3.75270
4.070	.193	.34140	.30520	.14970	.08980	-.20280	-.18190	.00050	-.00180	.00140	.18530
3.761	3.932	.35770	.32280	.14540	.08780	-.22010	-.19990	-.06230	.03720	-.03000	3.97190
3.844	5.831	.37110	.33480	.14520	.08550	-.23260	-.21160	-.09630	.05830	-.04620	5.68510
	GRADIENT	-.00129	-.00115	-.00012	.00016	.00086	.00078	-.01597	.00981	-.00826	1.01316

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (R8M051) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1605/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.237	-6.085	-.13190	-.16520	.15170	.09710	.13510	.15440	.14830	-.09470	.05820	-5.86020
-8.246	-3.928	-.14340	-.17610	.15210	.09850	.14480	.16370	.08980	-.05710	.03580	-3.78560
-8.235	.340	-.16400	-.19530	.15110	.09960	.16170	.17980	-.00970	.00500	-.00190	.33660
-8.011	4.316	-.14770	-.18150	.15320	.09790	.14740	.16690	-.10400	.06510	-.03720	4.18090
-7.828	6.401	-.13290	-.16810	.15360	.09590	.13340	.15380	-.15690	.09980	-.05820	6.18910
	GRADIENT	-.00057	-.00070	.00013	-.00007	.00036	.00043	-.02351	.01482	-.00885	.96631

RUN NO. 1606/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.204	-6.193	.04140	.00840	.14990	.09560	.00610	.02520	.13510	-.08560	.06000	-6.01860
-4.314	-4.051	.02520	-.00600	.14870	.09720	.01940	.03740	.08610	-.05520	.03970	-3.93010
-4.101	.186	.01590	-.01370	.14670	.09750	.02940	.04640	.00010	-.00180	.00100	.18480
-4.012	4.351	.03250	-.00020	.14840	.09490	.01400	.03300	-.09050	.05520	-.03890	4.22820
-3.846	6.371	.05810	.02440	.15060	.09540	-.00830	.01140	-.13620	.08480	-.05880	6.20290
	GRADIENT	.00086	.00068	-.00004	-.00027	-.00063	-.00052	-.02102	.01314	-.00935	.97101

RUN NO. 1607/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.073	-6.220	.22320	.19100	.14770	.09470	-.12660	-.10800	.12300	-.07820	.05910	-6.14250
-.012	-4.191	.21070	.17980	.14650	.09520	-.11720	-.09940	.08100	-.05200	.04020	-4.13100
-.024	-.366	.20210	.17170	.14730	.09710	-.10790	-.09030	.00730	-.00550	.00580	-.33730
.055	3.680	.21900	.18770	.14510	.09350	-.12270	-.10450	-.07120	.04340	-.03190	3.67340
.191	5.882	.23360	.20210	.14550	.09350	-.13680	-.11840	-.11520	.07080	-.05200	5.85820
	GRADIENT	.00108	.00103	-.00018	-.00022	-.00073	-.00068	-.01934	.01212	-.00916	.99158

RUN NO. 1608/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.207	-5.619	.38440	.35300	.14290	.09090	-.24420	-.22620	.09320	-.05880	.04930	-5.69620
4.152	-3.690	.37340	.34260	.14260	.09150	-.23560	-.21780	.06380	-.04120	.03400	-3.75150
4.015	.200	.35920	.32890	.14400	.09370	-.22120	-.20370	.00410	-.00450	.00270	.19090
3.798	3.923	.37530	.34520	.14130	.09200	-.23720	-.21980	-.06270	.03730	-.02920	3.96020
3.880	5.833	.38430	.35360	.13970	.08930	-.24690	-.22910	-.09670	.05820	-.04530	5.88450
	GRADIENT	.00022	.00031	-.00017	.00007	-.00018	-.00023	-.01661	.01030	-.00830	1.01292

1A105A, AEDC PWT-TF470, O T S W/SILTS (R8M052) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1609/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.225	-6.081	-.11700	-.14850	.15570	.10400	.12260	.14090	.15170	-.09800	.05830	-5.85710
-8.295	-3.927	-.13300	-.16290	.15230	.10350	.13510	.15250	.09020	-.05750	.03610	-3.77790
-8.176	.349	-.13220	-.16060	.15010	.10340	.13500	.15150	-.01230	.00850	-.00260	.34830
-8.009	4.314	-.12070	-.15110	.15160	.10160	.12380	.14150	-.10910	.07100	-.03880	4.17600
-7.808	6.402	-.11390	-.14640	.15360	.10020	.11660	.13540	-.16330	.10680	-.05850	6.19780
	GRADIENT	.00148	.00142	-.00009	-.00023	-.00135	-.00132	-.02418	.01559	-.00909	.96515

RUN NO. 1610/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.218	-6.193	.05100	.02180	.14800	.09970	-.00570	.01110	.13690	-.08760	.05850	-6.02230
-4.336	-4.035	.03270	.00410	.14990	.10300	.01000	.02650	.08550	-.05470	.03780	-3.91720
-4.091	.198	.04020	.01200	.14920	.10270	.00630	.02260	-.00300	.00180	.00050	.20090
-3.999	4.326	.05500	.02530	.14980	.10110	-.00780	.00950	-.09410	.05940	-.03730	4.21250
-3.682	6.402	.06740	.03610	.14960	.09820	-.01980	-.00160	-.14120	.08990	-.05660	6.24310
	GRADIENT	.00266	.00253	-.00001	-.00023	-.00212	-.00203	-.02148	.01364	-.00898	.97227

RUN NO. 1611/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.000	-6.220	.23530	.20880	.14780	.10040	-.14080	-.12430	.12240	-.07880	.05040	-6.14800
.001	-4.182	.22420	.19630	.14760	.10140	-.13230	-.11610	.07930	-.05090	.03790	-4.12200
.007	-.333	.22550	.19840	.14920	.10440	-.13160	-.11600	.00620	-.00500	.00490	-.30550
.063	3.836	.22800	.19910	.14900	.10140	-.13460	-.11780	-.07450	.04550	-.03190	3.02700
.169	5.826	.23600	.20740	.14650	.09940	-.14340	-.12680	-.11430	.07050	-.04950	5.80060
	GRADIENT	.00048	.00035	.00017	-.00001	-.00029	-.00022	-.01918	.01202	-.00871	.99137

RUN NO. 1612/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.147	-5.584	.39480	.36630	.14460	.09750	-.25740	-.24090	.09690	-.06130	.04760	-5.65060
4.135	-3.685	.38480	.35730	.14530	.09970	-.24930	-.23340	.06280	-.04020	.03210	-3.74060
4.072	.209	.37320	.34530	.14690	.10100	-.23710	-.22100	-.00010	-.00090	.00150	.20060
3.757	3.937	.37150	.34360	.14530	.09930	-.23800	-.22270	-.06600	.04030	-.02910	3.97230
3.846	5.834	.37710	.34880	.14310	.09670	-.24560	-.22920	-.10070	.06180	-.04510	5.88160
	GRADIENT	-.00175	-.00181	.00000	-.00005	.00139	.00142	-.01689	.01056	-.00803	1.01193

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M053) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2049/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.242	-7.886	-.02980	-.05590	.06530	.02300	.02160	.03690	.18930	-.12040	.05790	-7.77490
-8.063	-3.828	-.04520	-.06890	.06900	.03080	.03490	.04880	.08570	-.05450	.02660	-3.77390
-8.093	.346	-.06520	-.08740	.06810	.03260	.05160	.06480	-.01550	.01060	-.00520	.33660
-7.597	4.207	-.03570	-.05950	.06820	.03000	.02700	.04100	-.09830	.06350	-.03160	4.14320
-7.574	8.075	-.03160	-.05760	.06340	.02150	.01700	.03230	-.19000	.12280	-.05970	7.96040
	GRADIENT	.00110	.00109	-.00010	-.00009	-.00092	-.00091	-.02292	.01470	-.00725	.98521

RUN NO. 2050/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-3.933	-8.031	.10110	.07580	.06590	.02480	-.06900	-.05420	.17770	-.11500	.05810	-7.93500
-4.122	-3.897	.07830	.05510	.06940	.03160	-.05070	-.03700	.08480	-.05480	.02770	-3.84290
-3.941	.188	.06890	.04740	.06930	.03510	-.04060	-.02790	-.00330	.00220	-.00200	.18420
-3.848	4.134	.09430	.07140	.06860	.03170	-.06230	-.04890	-.08490	.05520	-.03010	4.07500
-3.769	8.144	.10110	.07500	.06460	.02240	-.07390	-.05860	-.17380	.11340	-.05960	8.04480
	GRADIENT	.00197	.00201	-.00010	.00002	-.00142	-.00146	-.02113	.01370	-.00720	.98597

RUN NO. 2051/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.104	-8.146	.22720	.20300	.06090	.02160	-.15620	-.14200	.16340	-.10670	.05830	-8.07770
-.238	-4.288	.20330	.18130	.06440	.02860	-.13760	-.12480	.08500	-.05480	.03060	-4.23720
-.220	-.027	.18790	.16670	.06630	.03220	-.12300	-.11050	.00160	-.00050	.00000	C0160
-.171	3.800	.20780	.18670	.06540	.03150	-.14010	-.12760	-.07010	.04600	-.02560	3.80890
-.067	7.819	.22590	.20210	.06170	.02320	-.15880	-.14480	-.14950	.09910	-.05400	7.81000
	GRADIENT	.00048	.00059	.00013	.00037	-.00024	-.00028	-.01919	.01247	-.00695	.99489

RUN NO. 2052/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.489	-7.688	.39310	.37000	.04940	.01170	-.27210	-.25860	.12990	-.08590	.05430	-7.73010
4.211	-3.851	.36830	.34740	.05440	.02060	-.25280	-.24050	.06460	-.04210	.02610	-3.88030
4.181	.187	.34530	.32500	.05600	.02370	-.23280	-.22080	-.00030	.00030	-.00150	.19000
3.871	4.123	.35520	.33340	.05560	.02020	-.24320	-.23040	-.06280	.04110	-.02520	4.15140
3.881	7.978	.36180	.33830	.05120	.01330	-.25370	-.24000	-.13000	.08710	-.05210	8.02190
	GRADIENT	-.00166	-.00177	.00015	-.00005	.00122	.00128	-.01598	.01043	-.00644	1.00726

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M053) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2053/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
8.218	-7.805	.50610	.48160	.03670	-.00290	-.35180	-.33740	.11160	-.07390	.05340	-7.92110
8.196	-3.801	.49860	.47870	.03840	.00640	-.34520	-.33350	.05450	-.03600	.02500	-3.85770
7.858	.139	.47600	.45600	.04140	.00910	-.32560	-.31380	-.00090	.00070	-.00130	.14320
8.175	4.139	.50160	.48100	.03880	.00590	-.34690	-.33480	-.05120	.03370	-.02440	4.19800
7.969	8.038	.49980	.47610	.03620	-.00180	-.34980	-.33590	-.10930	.07360	-.05050	8.14680
	GRADIENT	.00039	.00030	.00005	-.00006	-.00023	-.00018	-.01331	.00878	-.00622	1.01449

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M054) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2044/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.324	-5.919	-.04480	-.07000	.07800	.03680	.03620	.05080	.14230	-.09030	.04510	-5.80540
-8.322	-3.856	-.05720	-.08130	.07860	.03900	.04620	.06020	.06550	-.05370	.02740	-3.78340
-8.237	.362	-.07870	-.10130	.07760	.04100	.06440	.07760	-.01420	.00950	-.00410	.25510
-7.973	4.230	-.05420	-.07860	.07690	.03720	.04220	.05650	-.10050	.06500	-.03200	4.15090
-7.718	6.219	-.03750	-.06310	.07510	.03330	.02670	.04160	-.14740	.09580	-.04720	6.10400
	GRADIENT	.00029	.00026	-.00021	-.00021	-.00042	-.00039	-.02301	.01468	-.00735	.98118

RUN NO. 2045/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.248	-6.085	.09040	.06580	.07540	.03510	-.05880	-.04460	.13700	-.08890	.04610	-5.98700
-4.421	-4.047	.07510	.05170	.07640	.03790	-.04730	-.03380	.08710	-.05580	.02950	-3.97800
-4.058	.198	.06310	.04110	.07660	.04090	-.03460	-.02170	-.00330	.00260	-.00160	.19530
-3.894	4.232	.09400	.07130	.07460	.03760	-.06120	-.04790	-.08840	.05790	-.03130	4.16110
-3.633	6.190	.11140	.08690	.07310	.03330	-.07700	-.06270	-.13590	.08930	-.04780	6.09200
	GRADIENT	.00224	.00232	-.00022	-.00003	-.00164	-.00166	-.02120	.01373	-.00734	.98305

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M054) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2046/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.113	-6.239	.24460	.22110	.07010	.03160	-.16650	-.15290	.12580	-.08220	.04660	-6.17180
-.206	-4.377	.22830	.20590	.07120	.03430	-.15440	-.14150	.08700	-.05590	.03270	-4.32000
-.209	-.126	.19820	.17700	.07240	.03810	-.12860	-.11620	.00020	.00080	.00010	-.09680
-.139	3.638	.22850	.20670	.07090	.03530	-.15360	-.14090	-.07070	.04650	-.02620	3.64310
-.037	5.702	.24710	.22370	.06960	.03140	-.17010	-.15650	-.11300	.07510	-.04210	5.69740
	GRADIENT	-.00013	-.00005	-.00003	.00014	.00023	.00020	-.01969	.01279	-.00736	.99352

RUN NO. 2047/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.190	-5.718	.41380	.39110	.06120	.02380	-.28640	-.27320	.09870	-.06500	.04280	-5.76690
3.866	-3.712	.38850	.36710	.06230	.02730	-.26770	-.25520	.06240	-.04020	.02700	-3.74560
4.105	.196	.36960	.34880	.06350	.03000	-.25010	-.23780	-.00050	.00070	-.00070	.13800
3.787	4.025	.39140	.36940	.06290	.02700	-.26940	-.25660	-.06450	.04220	-.02670	4.05770
4.041	6.026	.40680	.38350	.06150	.02360	-.28260	-.26910	-.10180	.06800	-.04050	6.06920
	GRADIENT	.00036	.00028	.00008	-.00004	-.00020	-.00017	-.01640	.01065	-.00694	1.00858

RUN NO. 2048/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.175	-5.705	.47650	.45410	.05780	.02090	-.32980	-.31680	.09310	-.06170	.03910	-5.77030
6.078	-3.742	.46860	.44740	.05830	.02360	-.32400	-.31170	.06280	-.04150	.02570	-3.78040
6.029	.206	.44950	.42920	.05810	.02530	-.30650	-.29450	-.00130	.00120	.00030	.20340
5.630	4.012	.45520	.43360	.05850	.02330	-.31360	-.30100	-.06400	.04230	-.02460	4.04920
5.861	5.973	.46660	.44380	.05790	.02040	-.32420	-.31080	-.09640	.06450	-.03740	6.02720
	GRADIENT	-.00175	-.00180	.00003	-.00004	.00136	.00140	-.01635	.01081	-.00649	1.01041

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M055) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2039/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.306	-5.942	-.07720	-.10550	.09840	.05150	.06780	.08410	.14760	-.09340	.04710	-5.81250
-8.284	-3.871	-.08590	-.11230	.09720	.05360	.07520	.09050	.08900	-.05570	.02880	-3.78720
-8.270	.360	-.11560	-.14030	.09590	.05570	.10010	.11440	-.01430	.00910	-.00380	.35310
-7.957	4.248	-.09050	-.11770	.09670	.05190	.07690	.09270	-.10410	.06650	-.03290	4.15970
-7.731	6.217	-.07900	-.10730	.09620	.04930	.06470	.08100	-.15640	.10110	-.04980	6.08820
	GRADIENT	-.00066	-.00075	-.00007	-.00020	.00029	.00035	-.02379	.01505	-.00760	.97880

RUN NO. 2041/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.026	-6.242	.07660	.05030	.09140	.04800	-.04180	-.02670	.14320	-.09210	.04950	-6.12990
-4.450	-4.067	.05000	.02450	.09160	.04940	-.02230	-.00750	.09000	-.05750	.03120	-3.98790
-4.041	.192	.03490	.01120	.09040	.05160	-.00700	.00670	-.00190	.00100	-.00090	.18930
-3.939	4.262	.06410	.03920	.09070	.04960	-.03320	-.01880	-.09140	.05830	-.03300	4.17870
-3.627	6.204	.08390	.05780	.08940	.04630	-.05120	-.03610	-.13760	.08940	-.04970	6.09150
	GRADIENT	.00165	.00173	-.00011	.00003	-.00127	-.00132	-.02178	.01390	-.00771	.98055

RUN NO. 2042/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.145	-6.387	.23100	.20600	.08540	.04390	-.15050	-.13610	.12890	-.08380	.04990	-6.31420
-.174	-4.385	.22340	.19900	.08530	.04510	-.14530	-.13130	.08760	-.05640	.03480	-4.32490
-.219	-.168	.18530	.16300	.08480	.04830	-.11410	-.10120	.00170	-.00060	.00100	-.13840
-.131	3.663	.22300	.19910	.08540	.04610	-.14420	-.13040	-.07030	.04530	-.02800	3.66500
-.033	5.711	.24050	.21550	.08480	.04350	-.15970	-.14520	-.11390	.07490	-.04530	5.70170
	GRADIENT	-.00020	-.00013	.00001	.00013	.00026	.00023	-.01963	.01265	-.00781	.99279

RUN NO. 2043/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.264	-5.706	.41290	.38860	.08020	.04030	-.28170	-.26760	.09170	-.06280	.04160	-5.75140
3.857	-3.699	.39360	.37060	.08040	.04260	-.26790	-.25460	.06470	-.04150	.02760	-3.73180
4.037	.191	.36860	.34610	.08110	.04470	-.24550	-.23240	.00060	-.00040	-.00030	.19260
3.803	4.000	.39330	.36970	.08060	.04170	-.26720	-.25360	-.06680	.04320	-.02760	4.03330
4.065	6.012	.40680	.38190	.07980	.03880	-.27950	-.26520	-.10270	.06660	-.04170	6.05470
	GRADIENT	-.00006	-.00014	.00003	-.00011	.00011	.00015	-.01708	.01100	-.00717	1.00859

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M056) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2027/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.147	-6.016	-.08770	-.11860	.11730	.06590	.08300	.10080	.15330	-.09820	.05010	-5.87370
-8.365	-3.889	-.10660	-.13620	.11790	.06860	.09830	.11530	.09300	-.05890	.03130	-3.79250
-8.224	.354	-.13470	-.16240	.11580	.07020	.12250	.13850	-.01390	.00870	-.00330	.34910
-7.976	4.238	-.10890	-.13870	.11720	.06740	.09840	.11540	-.10840	.06940	-.03410	4.14460
-7.757	6.243	-.09470	-.12580	.11660	.06450	.08400	.10170	-.16050	.10430	-.05150	6.10540
	GRADIENT	-.00038	-.00040	-.00009	-.00014	.00010	.00010	-.02479	.01579	-.00805	.97668

RUN NO. 2028/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.262	-6.120	.05360	.02430	.11160	.06270	-.01920	-.00240	.14280	-.09150	.04990	-5.99990
-4.433	-4.086	.03680	.00890	.11150	.06490	-.00630	.00970	.09430	-.06030	.03340	-3.99920
-4.072	.188	.01890	-.00740	.11070	.06710	.01130	.02640	-.00130	.00010	-.00020	.18630
-3.955	4.263	.05060	.02220	.11220	.06500	-.01680	-.00050	-.09260	.05850	-.03370	4.17450
-3.643	6.230	.07180	.04210	.11110	.06160	-.03620	-.01920	-.14010	.09010	-.05090	6.11000
	GRADIENT	.00161	.00155	.00008	.00002	-.00121	-.00118	-.02239	.01423	-.00804	.97905

RUN NO. 2029/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.092	-6.391	.22310	.19490	.10510	.05800	-.14120	-.12510	.12730	-.08070	.05110	-6.31290
-.119	-4.389	.21380	.18680	.10490	.05980	-.13440	-.11900	.08630	-.05420	.03570	-4.32550
-.159	-.182	.17020	.14440	.10560	.06320	-.09820	-.08320	.00350	-.00250	.00210	-.15350
-.062	3.664	.20940	.18300	.10510	.06120	-.13030	-.11510	-.06930	.04320	-.02810	3.66310
.055	5.715	.23460	.20710	.10460	.05880	-.15210	-.13630	-.11220	.07180	-.04540	5.70130
	GRADIENT	-.00070	-.00062	.00003	.00018	.00064	.00061	-.01933	.01210	-.00792	.99197

RUN NO. 2030/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.192	-5.697	.40920	.38300	.09780	.05390	-.27640	-.26140	.09280	-.05770	.04220	-5.74490
4.147	-3.750	.39960	.37420	.09750	.05530	-.26940	-.25490	.05990	-.03640	.02730	-3.78520
4.085	.190	.36690	.34100	.10140	.05910	-.24030	-.22520	.00180	-.00140	.00010	.19120
3.784	4.004	.38900	.36260	.09960	.05570	-.26020	-.24500	-.06040	.03670	-.02610	4.03430
4.068	5.982	.40320	.37640	.09670	.05230	-.27340	-.25800	-.09590	.06030	-.04160	6.02860
	GRADIENT	-.00141	-.00153	.00027	.00006	.00122	.00131	-.01551	.00943	-.00689	1.00852

IA105A, AEDC PWT-TF470, O T S WD/SILTS (R8M057) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2031/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.266	-6.073	-.12540	-.16100	.14250	.08320	.12340	.14380	.15440	-.09600	.05680	-5.86950
-8.339	-3.928	-.13840	-.17280	.14190	.08440	.13340	.15310	.09410	-.05800	.03580	-3.79220
-8.269	.353	-.15800	-.19190	.14270	.08660	.15080	.17030	-.01170	.00720	-.00260	.34940
-7.977	4.277	-.13780	-.17340	.14310	.08380	.13280	.15320	-.10560	.06550	-.03730	4.14710
-7.714	6.297	-.11890	-.15580	.14250	.08080	.11540	.13650	-.15960	.09980	-.05730	6.10140
	GRADIENT	.00000	-.00014	.00015	-.00006	-.00001	.00007	-.02435	.01506	-.00891	.96768

RUN NO. 2032/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.219	-6.171	.04650	.01180	.13950	.08150	-.00220	.01760	.13750	-.08420	.05770	-6.00650
-4.416	-4.116	.02200	-.01110	.13700	.08170	.01660	.03550	.09000	-.05500	.03860	-3.99860
-4.072	.188	.01210	-.02040	.13740	.08370	.02820	.04690	.00020	-.00070	.00050	.18790
-3.964	4.277	.04120	.00720	.13850	.08220	.00260	.02210	-.08850	.05240	-.03790	4.15840
-3.575	6.246	.06940	.03440	.13950	.08120	-.02160	-.00150	-.13450	.08130	-.05760	6.08260
	GRADIENT	.00225	.00214	.00018	.00006	-.00163	-.00156	-.02126	.01279	-.00911	.97189

RUN NO. 2033/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.043	-6.406	.22190	.18810	.13560	.07890	-.12900	-.10970	.12480	-.07540	.05940	-6.31920
-.015	-4.402	.20780	.17580	.13370	.07970	-.11810	-.09990	.08490	-.05130	.04200	-4.33390
-.040	-.183	.18960	.15880	.13190	.08060	-.10130	-.08370	.00480	-.00270	.00450	-.15310
.061	3.642	.21880	.18680	.13230	.07910	-.12490	-.10640	-.06950	.04300	-.03160	3.63990
.207	5.712	.24510	.21160	.13360	.07810	-.14730	-.12800	-.10920	.06700	-.05070	5.69360
	GRADIENT	.00127	.00128	-.00018	-.00007	-.00076	-.00073	-.01919	.01172	-.00915	.99124

RUN NO. 2034/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.210	-5.668	.40110	.36880	.12710	.07260	-.25850	-.24020	.09250	-.05600	.04590	-5.72640
3.875	-3.685	.37750	.34630	.12820	.07530	-.24080	-.22320	.06050	-.03700	.03020	-3.72770
4.009	.194	.36170	.33050	.12970	.07810	-.22480	-.20680	.00330	-.00290	.00220	.18900
3.860	3.982	.38400	.35270	.12720	.07520	-.24460	-.22660	-.06160	.03650	-.02770	4.01740
4.096	5.967	.40390	.37150	.12580	.07220	-.26210	-.24340	-.09320	.05570	-.04360	6.01930
	GRADIENT	.00083	.00082	-.00013	-.00001	-.00048	-.00042	-.01584	.00958	-.00755	1.01015

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M058) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2035/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.336	-6.048	-.14710	-.18560	.15500	.09100	.14500	.16710	.15820	-.10150	.05870	-5.83910
-8.311	-3.951	-.16120	-.19850	.15650	.09460	.15730	.17870	.09590	-.06160	.03700	-3.81330
-8.272	.351	-.17940	-.21630	.15780	.09660	.17450	.19570	-.01380	.00890	-.00340	.34550
-7.967	4.287	-.14680	-.18580	.15740	.09310	.14610	.16870	-.11270	.07280	-.04040	4.14970
-7.688	6.298	-.12440	-.16420	.15660	.09050	.12570	.14860	-.16560	.10650	-.06030	6.09300
	GRADIENT	.00166	.00145	.00011	-.00017	-.00128	-.00113	-.02532	.01632	-.00940	.96659

RUN NO. 2036/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.177	-6.174	.03560	-.00230	.15360	.09030	.01040	.03220	.14550	-.09320	.06150	-6.00760
-4.425	-4.126	.00350	-.03310	.15230	.09160	.03650	.05760	.09580	-.06200	.04100	-4.00850
-4.077	.184	-.00260	-.03880	.15390	.09390	.04670	.06760	-.00290	.00140	-.00060	.18230
-3.994	4.299	.03370	-.00330	.15250	.09150	.01390	.03530	-.09720	.06140	-.04170	4.17740
-3.549	6.262	.06710	.02880	.15330	.08980	-.01490	.00720	-.14410	.09080	-.06180	6.09530
	GRADIENT	.00355	.00350	.00003	-.00001	-.00264	-.00261	-.02291	.01465	-.00981	.97161

RUN NO. 2037/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.109	-6.317	.22290	.18650	.14990	.08920	-.12680	-.10590	.13370	-.08510	.06230	-6.23690
-.018	-4.403	.20400	.16840	.14940	.08980	-.11200	-.09160	.09650	-.06300	.04500	-4.33990
-.055	-.166	.17630	.14060	.15170	.09230	-.08610	-.06560	.00890	-.00690	.00450	-.13840
.034	3.591	.20070	.16410	.15180	.09140	-.10630	-.08520	-.06620	.04050	-.03120	3.58800
.139	5.694	.21630	.17810	.15300	.09020	-.12060	-.09860	-.10900	.06750	-.05080	5.67470
	GRADIENT	-.00054	-.00067	.00031	.00021	.00083	.00091	-.02036	.01295	-.00953	.99178

RUN NO. 2038/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.230	-5.670	.38190	.34420	.14770	.08480	-.23840	-.21690	.09100	-.05600	.04760	-5.73990
3.900	-3.670	.36290	.32630	.14760	.08640	-.22430	-.20330	.06060	-.03780	.03160	-3.71960
4.089	.190	.34670	.31020	.15070	.09000	-.20790	-.18690	.00220	-.00240	.00130	.18580
3.786	3.977	.36440	.32800	.14720	.08680	-.22580	-.20490	-.06220	.03760	-.03030	4.01920
4.089	5.939	.38330	.34600	.14550	.08380	-.24290	-.22130	-.09400	.05710	-.04610	6.00210
	GRADIENT	.00018	.00021	-.00005	.00006	-.00018	-.00019	-.01606	.00986	-.00809	1.01211

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M059) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -7.000

RUN NO. 1674/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.230	-6.098	-.12690	-.15610	.15760	.10920	.13160	.14840	.15540	-.10240	.05850	-5.87720
-8.179	-4.011	-.13660	-.16550	.15840	.11030	.13980	.15640	.09530	-.06240	.03760	-3.86040
-8.109	.227	-.14350	-.17100	.15650	.11100	.14420	.16010	-.00700	.00390	-.00010	.23510
-7.994	4.337	-.13880	-.16690	.15360	.10750	.13800	.15430	-.10910	.07140	-.03700	4.21000
-7.678	6.351	-.13180	-.16150	.15370	.10470	.13110	.14820	-.16160	.10630	-.05500	6.16810
	GRADIENT	-.00027	-.00017	-.00057	-.00033	-.00021	-.00025	-.02448	.01603	-.00894	.96674

RUN NO. 1675/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.264	-6.178	.01440	-.01430	.15120	.10330	.02290	.03920	.14300	-.09270	.05700	-6.01470
-4.427	-4.151	.00440	-.02330	.15310	.10740	.03130	.04730	.09290	-.06010	.03840	-4.03200
-4.140	.232	.02010	-.00670	.15200	.10760	.01810	.03350	-.00200	-.00020	.00140	.23410
-4.022	4.350	.01970	-.00800	.14910	.10350	.01580	.03190	-.09620	.06060	-.03400	4.24690
-3.604	6.296	.03100	.00130	.14820	.09900	.00560	.02270	-.14310	.09120	-.05160	6.15310
	GRADIENT	.00182	.00182	-.00047	-.00045	-.00184	-.00183	-.02224	.01419	-.00852	.97388

RUN NO. 1676/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.173	-6.387	.18000	.15240	.14730	.10100	-.10250	-.08670	.13250	-.08470	.05730	-6.29790
-.231	-4.254	.17150	.14460	.14810	.10370	-.09650	-.08100	.08500	-.05420	.03810	-4.18650
-.232	-.226	.17240	.14620	.14950	.10620	-.09580	-.08070	.00400	-.00290	.00520	-.13760
-.175	3.644	.17450	.14710	.14830	.10310	-.09830	-.08250	-.07290	.04530	-.02690	3.03390
-.101	5.696	.17830	.14990	.14770	.10050	-.10300	-.08670	-.11590	.07230	-.04440	5.66530
	GRADIENT	.00038	.00032	.00003	-.00007	-.00023	-.00019	-.01999	.01260	-.00823	.99013

RUN NO. 1677/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.242	-5.599	.36810	.34120	.14270	.09820	-.24070	-.22520	.10010	-.06420	.04700	-5.66410
4.115	-3.633	.35580	.32990	.14340	.10110	-.23120	-.21620	.06380	-.04150	.03120	-3.68670
3.996	.250	.34790	.32160	.14710	.10400	-.22340	-.20810	-.00030	-.00120	.00220	.23710
3.701	3.982	.33940	.31220	.14430	.09930	-.21880	-.20320	-.06780	.04120	-.02660	4.00460
3.778	5.862	.34010	.31190	.14290	.09610	-.22130	-.20500	-.10280	.06330	-.04180	5.69510
	GRADIENT	-.00215	-.00232	.00012	-.00023	.00163	.00171	-.01728	.01086	-.00759	1.01008

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M060) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = -7.000

RUN NO. 1678/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.452	-6.078	-.11450	-.14270	.16030	.11370	.12170	.13790	.15620	-.10550	.05630	-5.89520
-8.480	-3.893	-.12310	-.14910	.15940	.11580	.12820	.14310	.09520	-.06450	.03560	-3.76960
-8.201	.305	-.12580	-.15160	.15880	.11590	.12910	.14390	-.00960	.00600	-.00080	.31230
-7.988	4.430	-.12430	-.14990	.15460	.11220	.12590	.14060	-.10650	.07120	-.03490	4.32750
-7.688	6.424	-.12120	-.14790	.15220	.10780	.12150	.13690	-.15740	.10520	-.05240	6.26990
	GRADIENT	-.00015	-.00010	-.00058	-.00043	-.00027	-.00030	-.02423	.01630	-.00847	.97280

RUN NO. 1679/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.430	-6.161	.01770	-.00970	.15190	.10570	.01820	.03380	.14580	-.09770	.05310	-6.03170
-4.582	-4.128	.00110	-.02530	.15290	.10900	.03040	.04560	.09680	-.06500	.03550	-4.03520
-4.224	.309	.00600	-.01910	.15160	.10990	.02590	.04030	-.00610	.00310	-.00010	.31000
-3.960	4.427	.00790	-.01750	.14720	.10520	.02170	.03640	-.09780	.06390	-.03180	4.34530
-3.585	6.379	.02310	-.00300	.14450	.10120	.00860	.02370	-.14160	.09310	-.04750	6.26490
	GRADIENT	.00380	.00092	-.00066	-.00044	-.00102	-.00108	-.02275	.01507	-.00787	.97962

RUN NO. 1680/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.293	-6.471	.17280	.14580	.14600	.10040	-.10190	-.08660	.13780	-.09100	.05470	-6.39120
-.376	-4.288	.15600	.13010	.14700	.10400	-.08930	-.07440	.08850	-.05830	.03550	-4.22570
-.387	-.290	.15050	.12580	.14760	.10660	-.08520	-.07100	.00630	-.00440	.00490	-.23120
-.353	3.583	.15540	.13010	.14680	.10480	-.08940	-.07480	-.07270	.04690	-.02440	3.57920
-.308	5.620	.15520	.12840	.14490	.10010	-.09090	-.07560	-.11760	.07590	-.04120	5.59740
	GRADIENT	-.00008	-.00001	-.00002	.00010	-.00001	-.00005	-.02048	.01337	-.00761	.99165

RUN NO. 1681/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.266	-5.519	.34090	.31500	.13900	.09580	-.22520	-.21040	.10350	-.06940	.04640	-5.58360
4.143	-3.545	.32990	.30450	.14160	.10000	-.21620	-.20150	.06460	-.04390	.02970	-3.59550
3.907	.324	.31980	.29510	.14330	.10260	-.20970	-.19550	-.00160	-.00120	.00180	.31000
3.577	4.004	.31780	.29210	.14260	.09970	-.20980	-.19500	-.06880	.04290	-.02550	4.02370
3.658	5.877	.31920	.29190	.14290	.09720	-.21150	-.19590	-.10580	.06740	-.03990	5.90520
	GRADIENT	-.00161	-.00165	.00014	-.00003	.00085	.00087	-.01767	.01149	-.00731	1.00929

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M061) (09 MAY 80)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1655/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.254	-6.100	-.15120	-.18490	.14830	.09240	.15180	.17110	.15040	-.09660	.05850	-5.87820
-8.348	-3.982	-.16870	-.20190	.15110	.09680	.16700	.18620	.09270	-.05940	.03670	-3.83860
-8.107	.165	-.17550	-.20750	.14960	.09690	.17340	.19190	-.00700	.00350	-.00010	.17180
-8.046	4.309	-.16500	-.19890	.15070	.09510	.16300	.18260	-.10670	.06720	-.03710	4.17980
-7.715	6.307	-.14530	-.18100	.14980	.09100	.14500	.16570	-.15520	.09850	-.05630	6.10740
	GRADIENT	.00045	.00036	-.00005	-.00021	-.00048	-.00043	-.02405	.01527	-.00890	.96716

RUN NO. 1656/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.186	-6.183	.02030	-.01220	.14620	.09240	.02450	.04310	.13380	-.08510	.05960	-6.01190
-4.206	-4.121	.00470	-.02740	.14670	.09360	.03770	.05620	.08700	-.05600	.04060	-3.99990
-4.130	.183	-.00630	-.03730	.14590	.09460	.04940	.06730	-.00140	-.00070	.00120	.18400
-4.016	4.427	.01430	-.01780	.14620	.09330	.03030	.04900	-.09320	.05670	-.03960	4.30330
-3.621	6.308	.03990	.00660	.14800	.09330	.00820	.02750	-.13540	.08360	-.05820	6.14040
	GRADIENT	.00111	.00111	-.00006	-.00003	-.00086	-.00083	-.02108	.01318	-.00938	.97131

RUN NO. 1657/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.036	-6.370	.19990	.16770	.14500	.09150	-.10680	-.08830	.12720	-.08070	.06200	-6.28970
-.069	-4.238	.18820	.15640	.14610	.09330	-.09730	-.07900	.08460	-.05460	.04290	-4.17660
-.082	-.200	.17230	.14190	.14520	.09500	-.08240	-.06490	.00520	-.00460	.00520	-.17410
-.010	3.680	.19140	.16040	.14330	.09240	-.09940	-.08150	-.07030	.04230	-.03170	3.67210
.128	5.704	.21030	.17910	.14280	.09170	-.11680	-.09870	-.11110	.06770	-.05080	5.67950
	GRADIENT	.00037	.00048	-.00035	-.00011	-.00024	-.00029	-.01956	.01224	-.00942	.99122

RUN NO. 1658/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.174	-5.596	.36960	.33840	.14030	.08830	-.23100	-.21310	.09330	-.05880	.05000	-5.67510
3.942	-3.686	.35260	.32210	.14020	.08940	-.21770	-.20020	.06270	-.04050	.03460	-3.74800
4.051	.201	.34600	.31560	.14230	.09180	-.20900	-.19150	.00260	-.00360	.00290	.18860
3.760	3.950	.35540	.32530	.13920	.08980	-.21980	-.20240	-.06190	.03640	-.02910	3.98630
3.845	5.843	.36610	.33530	.13760	.08690	-.23110	-.21320	-.09560	.05710	-.04570	5.89510
	GRADIENT	.00035	.00041	-.00013	.00006	-.00026	-.00027	-.01631	.01007	-.00834	1.01283

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M062) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1659/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.355	-6.114	-.13330	-.16480	.15480	.10240	.13710	.15530	.15370	-.09990	.05970	-5.88260
-8.393	-3.991	-.15190	-.18280	.15370	.10310	.15240	.17040	.09410	-.06060	.03790	-3.83650
-8.285	.352	-.15470	-.18410	.15070	.10220	.15560	.17260	-.01350	.00900	-.00250	.35350
-7.963	4.322	-.13280	-.16370	.15290	.10240	.13640	.15440	-.10770	.06970	-.03830	4.18620
-7.770	6.331	-.12640	-.15820	.15070	.09840	.12790	.14630	-.16050	.10420	-.05770	6.12870
	GRADIENT	.00225	.00226	-.00011	-.00009	-.00188	-.00189	-.02428	.01568	-.00917	.96505

RUN NO. 1660/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.000	-6.139	.04310	.01320	.14800	.09840	.00310	.02030	.13550	-.08660	.05920	-5.97040
-4.189	-4.122	.02280	-.00740	.14950	.10020	.02020	.03770	.08750	-.05600	.03990	-3.99920
-4.110	.193	.02350	-.00540	.14910	.10150	.02160	.03830	-.00290	.00160	.00110	.19760
-4.001	4.322	.03750	.00740	.14820	.09900	.00750	.02500	-.09390	.05860	-.03740	4.20660
-3.602	6.279	.05270	.02180	.14830	.09740	-.00660	.01130	-.13770	.08670	-.05570	6.12080
	GRADIENT	.00173	.00174	-.00015	-.00014	-.00149	-.00149	-.02148	.01357	-.00915	.97185

RUN NO. 1661/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.028	-6.379	.21260	.18330	.14560	.09690	-.12210	-.10530	.12770	-.08130	.05940	-6.29730
-.047	-4.225	.20380	.17520	.14650	.09910	-.11530	-.09880	.08160	-.05230	.04000	-4.16300
-.043	-.105	.20040	.17200	.14710	.10020	-.11060	-.09430	.00480	-.00440	.00480	-.13940
.028	3.675	.20900	.18020	.14760	.10020	-.11840	-.10180	-.07040	.04230	-.03020	3.66540
.118	5.896	.21540	.18620	.14440	.09660	-.12620	-.10920	-.11130	.06790	-.04840	5.86790
	GRADIENT	.00065	.00062	.00014	.00014	-.00038	-.00037	-.01924	.01198	-.00889	.99104

RUN NO. 1662/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.208	-5.620	.38340	.35510	.14220	.09520	-.24700	-.23060	.09750	-.06160	.04880	-5.69070
4.121	-3.662	.37540	.34700	.14350	.09650	-.24070	-.22430	.06370	-.04090	.03320	-3.72140
4.027	.207	.36100	.33250	.14490	.09800	-.22650	-.21000	.00010	-.00130	.00230	.19510
3.750	3.954	.36020	.33150	.14310	.09600	-.22870	-.21210	-.06540	.03950	-.02900	3.98870
4.035	5.923	.37010	.34160	.13950	.09280	-.23910	-.22240	-.09930	.06040	-.04460	5.97380
	GRADIENT	-.00200	-.00204	-.00005	-.00006	.00159	.00161	-.01695	.01055	-.00817	1.01225

1A105A, AEDC PWT-TF470, O T S W0/SILTS (R8M063) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = -2.000

RUN NO. 1663/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.206	-6.105	-.11950	-.14910	.15800	.10890	.12480	.14180	.15620	-.10320	.05810	-5.88980
-8.216	-4.012	-.12870	-.15760	.15820	.11020	.13240	.14910	.09430	-.06190	.03660	-3.86630
-8.102	.235	-.13360	-.16100	.15670	.11130	.13560	.15140	-.00740	.00410	-.00080	.23780
-7.975	4.349	-.12920	-.15760	.15470	.10790	.12890	.14630	-.10760	.07020	-.03680	4.22130
-7.711	6.342	-.12760	-.15730	.15380	.10460	.12650	.14370	-.16100	.10580	-.05510	6.15700
	GRADIENT	-.00007	-.00000	-.00042	-.00027	-.00029	-.00033	-.02415	.01580	-.00878	.96734

RUN NO. 1664/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.221	-6.158	.02670	-.00270	.15330	.10410	.01280	.02960	.14320	-.09300	.05640	-6.00000
-4.220	-4.105	.01940	-.00870	.15310	.10670	.01840	.03470	.09090	-.05890	.03710	-3.99360
-4.139	.229	.02910	.00170	.15370	.10810	.01030	.02610	-.00120	-.00100	.00140	.23040
-4.024	4.349	.02750	-.00060	.15150	.10520	.00920	.02550	-.09550	.06000	-.03380	4.24600
-3.810	6.381	.03230	.00280	.14880	.09990	.00350	.02050	-.14700	.09400	-.05320	6.23220
	GRADIENT	.00097	.00097	-.00019	-.00017	-.00110	-.00110	-.02204	.01406	-.00839	.97465

RUN NO. 1665/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.148	-6.272	.19190	.16440	.14730	.10130	-.11290	-.09720	.12760	-.08150	.05490	-6.18530
-.225	-4.320	.18100	.15380	.14850	.10360	-.10490	-.08920	.08580	-.05470	.03790	-4.25170
-.201	-.243	.18460	.15790	.14980	.10560	-.10630	-.09080	.00370	-.00260	.00470	-.21480
-.149	3.637	.18630	.15890	.14870	.10340	-.10830	-.09260	-.07310	.04540	-.02730	3.62690
-.063	5.608	.19070	.16230	.14780	.10080	-.11380	-.09750	-.11570	.07220	-.04460	5.65780
	GRADIENT	.00067	.00064	.00003	-.00002	-.00043	-.00043	-.01997	.01258	-.00819	.99017

RUN NO. 1666/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.235	-5.605	.37430	.34730	.14310	.09850	-.24640	-.23080	.10060	-.06450	.04660	-5.66840
3.901	-3.608	.35720	.33100	.14480	.10180	-.23330	-.21800	.06500	-.04230	.03110	-3.65710
4.004	.249	.35770	.33120	.14790	.10440	-.23130	-.21600	.00000	-.00150	.00190	.23700
3.702	3.976	.34740	.32050	.14560	.10110	-.22570	-.21020	-.06690	.04030	-.02700	4.00000
3.981	5.936	.35460	.32650	.14350	.09630	-.23310	-.21690	-.10300	.06310	-.04240	5.97430
	GRADIENT	-.00128	-.00138	.00011	-.00009	.00100	.00103	-.01739	.01089	-.00766	1.00965

IA105A, AEDC PWT-TF470, O T S WO/SILTS (RBM064) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3300 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1667/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.455	-6.061	-.10790	-.13530	.15930	.11390	.11530	.13110	.15450	-.10440	.05530	-5.88160
-8.484	-3.898	-.11780	-.14480	.15970	.11440	.12300	.13850	.09510	-.06440	.03510	-3.77760
-8.370	.465	-.12320	-.14870	.15800	.11550	.12620	.14080	-.01330	.00840	-.00270	.46380
-7.980	4.431	-.11800	-.14370	.15380	.11110	.11970	.13450	-.10660	.07110	-.03540	4.32330
-7.715	6.435	-.11500	-.14190	.15160	.10700	.11550	.13100	-.15760	.10520	-.05290	6.27600
	GRADIENT	-.00004	.00012	-.00070	-.00039	-.00038	-.00046	-.02423	.01628	-.00847	.97271

RUN NO. 1668/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.415	-6.202	.02580	-.00180	.15110	.10450	.01080	.02640	.14620	-.09800	.05300	-6.07400
-4.363	-4.097	.01590	-.01040	.15250	.10870	.01790	.03300	.09530	-.06400	.03460	-4.00880
-4.223	.314	.01390	-.01160	.15180	.10930	.01890	.03360	-.00610	.00300	-.00060	.31280
-3.978	4.437	.01630	-.00930	.14730	.10490	.01430	.02910	-.09750	.06360	-.03220	4.35330
-3.571	6.363	.03170	.00490	.14510	.10040	.00110	.01660	-.14350	.09430	-.04870	6.24650
	GRADIENT	.00304	.00012	-.00060	-.00044	-.00041	-.00045	-.02260	.01495	-.00783	.97983

RUN NO. 1669/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.286	-6.472	.17900	.15200	.14530	.09950	-.10760	-.09230	.13630	-.09000	.05380	-6.39260
-.349	-4.291	.16590	.13980	.14740	.10420	-.09770	-.08270	.08800	-.05790	.03490	-4.22940
-.376	-.291	.15920	.13370	.14810	.10590	-.09260	-.07790	.00620	-.00440	.00430	-.23170
-.335	3.582	.16450	.13900	.14650	.10400	-.09750	-.08290	-.07210	.04650	-.02460	3.57870
-.275	5.623	.16860	.14160	.14550	.10000	-.10200	-.08640	-.11810	.07620	-.04190	5.60130
	GRADIENT	-.00019	-.00011	-.00011	-.00002	.00003	-.00002	-.02034	.01326	-.00756	.99173

RUN NO. 1670/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.256	-5.527	.34590	.31990	.13880	.09570	-.22990	-.21490	.10350	-.06950	.04600	-5.58930
4.146	-3.542	.33560	.31000	.14150	.09960	-.22160	-.20680	.06430	-.04380	.02910	-3.59140
3.907	.325	.32920	.30420	.14420	.10300	-.21730	-.20280	-.00130	.00140	.00140	.31190
3.609	3.994	.32540	.29960	.14330	.10040	-.21610	-.20130	-.06870	.04280	-.02600	4.01570
3.659	5.861	.32660	.29880	.14320	.09670	-.21810	-.20220	-.10680	.06800	-.04080	5.69060
	GRADIENT	-.00136	-.00138	.00024	.00011	.00073	.00073	-.01764	.01149	-.00731	1.00938

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M065) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1818/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-7.997	-7.907	-.03420	-.05960	.06250	.02130	.02530	.04020	.18980	-.12210	.05970	-7.79060
-8.097	-3.863	-.05830	-.08210	.06630	.02780	.04510	.05910	.08520	-.05490	.02810	-3.80230
-8.136	.293	-.07670	-.09860	.06440	.02970	.06050	.07350	-.01490	.00960	-.00350	.28980
-7.655	4.198	-.04870	-.07300	.06530	.02640	.03730	.05160	-.09920	.06390	-.03030	4.14060
-7.611	8.082	-.04520	-.07170	.06140	.01910	.02850	.04410	-.19110	.12370	-.05860	7.97380
	GRADIENT	.00113	.00107	-.00013	-.00017	-.00092	-.00088	-.02289	.01475	-.00725	.98531

RUN NO. 1819/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.128	-8.002	.08420	.05920	.06420	.02340	-.05600	-.04140	.17730	-.11550	.05930	-7.90380
-4.149	-3.936	.06500	.04200	.06710	.02980	-.03990	-.02640	.08620	-.05630	.02990	-3.87810
-3.976	.187	.05350	.03220	.06680	.03300	-.02830	-.01570	-.00450	.00270	-.00060	.18680
-3.866	4.160	.07880	.05580	.06590	.02890	-.05000	-.03650	-.08480	.05490	-.02840	4.10440
-3.795	8.180	.08530	.05950	.06230	.02070	-.06060	-.04540	-.17410	.11390	-.05810	8.08380
	GRADIENT	.00168	.00168	-.00015	-.00011	-.00122	-.00122	-.02113	.01374	-.00720	.98603

RUN NO. 1820/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.132	-8.135	.21130	.18650	.05890	.01890	-.14330	-.12880	.16300	-.10720	.05970	-8.06790
-.262	-4.266	.18570	.16320	.06250	.02600	-.12330	-.11020	.08480	-.05500	.03240	-4.21630
-.239	-.044	.16800	.14740	.06310	.03030	-.10750	-.09530	.00260	-.00150	.00260	-.01570
-.209	3.799	.18550	.16350	.06260	.02720	-.12270	-.10970	-.06960	.04540	-.02370	3.80840
-.116	7.831	.20430	.17960	.05990	.02010	-.14130	-.12680	-.15180	.10050	-.05320	7.82210
	GRADIENT	-.00009	-.00002	.00001	.00016	.00013	.00012	-.01915	.01245	-.00696	.99489

RUN NO. 1821/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.493	-7.716	.36790	.34400	.04540	.00660	-.25220	-.23830	.12690	-.08430	.05520	-7.77110
4.175	-3.823	.34050	.31920	.05000	.01560	-.23120	-.21870	.06220	-.04060	.02740	-3.85710
4.137	.194	.31940	.29890	.05250	.02000	-.21260	-.20040	-.00180	.00120	.00020	.19180
3.839	4.102	.32800	.30640	.05230	.01740	-.22190	-.20920	-.06300	.04110	-.02350	4.12640
3.877	7.972	.33960	.31420	.04810	.00710	-.23570	-.22070	-.13200	.08830	-.05130	8.01260
	GRADIENT	-.00159	-.00163	.00029	.00023	.00119	.00121	-.01580	.01031	-.00642	1.00736

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M065) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1822/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
8.267	-7.802	.48240	.45840	.03360	-.00510	-.33220	-.31810	.10830	-.07180	.05410	-7.92650
8.147	-3.761	.47370	.45320	.03470	.00170	-.32520	-.31320	.05190	-.03420	.02640	-3.82760
7.810	.155	.44640	.42620	.03810	.00580	-.30240	-.29040	-.00150	.00090	.00060	.14950
8.108	4.134	.47720	.45620	.03560	.00210	-.32720	-.31480	-.05310	.03480	-.02310	4.18340
7.942	8.013	.48030	.45640	.03400	-.00440	-.33310	-.31900	-.11030	.07380	-.04930	8.11410
	GRADIENT	.00046	.00040	.00011	.00005	-.00027	-.00022	-.01330	.00874	-.00627	1.01461

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M066) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1823/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.294	-5.985	-.05460	-.07970	.07550	.03430	.04460	.05920	.14360	-.09240	.04640	-5.86790
-8.373	-3.871	-.06930	-.09320	.07760	.03850	.05670	.07060	.08820	-.05630	.02920	-3.79210
-8.265	.357	-.09520	-.11800	.07660	.03980	.07830	.09170	-.01320	.00840	-.00270	.25620
-8.008	4.239	-.07150	-.09600	.07530	.03550	.05670	.07100	-.10060	.06450	-.03040	4.16770
-7.779	6.258	-.05860	-.08450	.07350	.03150	.04400	.05900	-.14970	.09670	-.04640	6.14920
	GRADIENT	-.00036	-.00043	-.00028	-.00036	.00008	.00012	-.02329	.01490	-.00735	.98141

RUN NO. 1824/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.280	-6.114	.07830	.05360	.07360	.03310	-.04830	-.03400	.13850	-.09060	.04760	-6.01370
-4.432	-4.057	.06140	.03780	.07450	.03580	-.03560	-.02190	.08830	-.05730	.03110	-3.98430
-4.099	.194	.04400	.02170	.07460	.03840	-.01890	-.00580	-.00260	.00160	.00020	.19560
-3.912	4.251	.07610	.05250	.07230	.03400	-.04630	-.03250	-.08310	.05790	-.03000	4.18360
-3.662	6.229	.09340	.06860	.07080	.03040	-.06150	-.04700	-.13350	.08750	-.04550	6.13480
	GRADIENT	.00172	.00173	-.00026	-.00021	-.00125	-.00124	-.02135	.01385	-.00735	.98315

IA105A. AEDC PWT-TF470, 0 T S W0/SILTS (R8M066) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1825/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.154	-6.220	.22380	.20030	.06750	.02890	-.14920	-.13560	.12540	-.08240	.04780	-6.15390
-.234	-4.375	.20810	.18550	.06900	.03180	-.13720	-.12400	.08640	-.05590	.03380	-4.31790
-.247	-.123	.17550	.15450	.06970	.03570	-.11010	-.09780	.00130	-.00050	.00220	-.09500
-.187	3.632	.20410	.18230	.06800	.03240	-.13360	-.12090	-.07000	.04560	-.02430	3.63620
-.103	5.705	.21890	.19540	.06690	.02840	-.14720	-.13350	-.11260	.07450	-.04040	5.69890
	GRADIENT	-.00066	-.00055	-.00012	.00009	.00058	.00051	-.01954	.01269	-.00726	.99347

RUN NO. 1826/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.169	-5.695	.38470	.36200	.05740	.02000	-.26270	-.24950	.09610	-.06330	.04340	-5.74790
3.881	-3.680	.36440	.34290	.05790	.02280	-.24740	-.23490	.06130	-.03980	.02810	-3.71800
4.058	.202	.34230	.32160	.05970	.02650	-.22760	-.21540	-.00020	.00010	.00120	.19800
3.764	4.012	.36510	.34320	.05930	.02370	-.24730	-.23450	-.06500	.04230	-.02530	4.04000
4.015	5.986	.38140	.35790	.05800	.01970	-.26140	-.24770	-.10000	.06640	-.03940	6.02660
	GRADIENT	.00007	.00002	.00018	.00012	.00003	.00007	-.01642	.01067	-.00694	1.00857

RUN NO. 1845/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.152	-5.681	.44930	.42660	.05470	.01760	-.30720	-.29400	.09040	-.05980	.03950	-5.75210
6.064	-3.707	.44110	.42000	.05460	.02010	-.30120	-.29890	.05960	-.03910	.02640	-3.75760
5.952	.210	.42080	.40080	.05490	.02270	-.28300	-.27120	-.00230	.00180	.00100	.20320
5.550	3.973	.42400	.40260	.05520	.02040	-.28820	-.27580	-.06290	.04140	-.02340	4.00500
5.619	6.015	.43640	.41270	.05570	.01690	-.29970	-.28590	-.09810	.06540	-.03780	6.06640
	GRADIENT	-.00225	-.00228	.00008	.00004	.00171	.00173	-.01595	.01048	-.00648	1.01085

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M067) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1827/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.205	-3.915	-.09240	-.11900	.09480	.05090	.08120	.09660	.09150	-.05890	.03140	-3.82160
-8.283	.355	-.12620	-.15160	.09380	.05240	.10860	.12350	-.01420	.00860	-.00270	.35400
-7.987	4.260	-.10000	-.12720	.09460	.05000	.08480	.10060	-.10400	.06590	-.03180	4.17740
	GRADIENT	-.00104	-.00111	-.00003	-.00010	.00053	.00058	-.02393	.01527	-.00773	.97844

RUN NO. 1828/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.263	-3.987	-.02630	-.05200	.09140	.04900	.03380	.04870	.09010	-.05800	.03180	-3.89880
-6.099	.198	-.05080	-.07510	.09070	.05110	.05530	.06950	-.00880	.00500	-.00130	.19790
-5.714	4.366	-.01690	-.04290	.09160	.04860	.02580	.04080	-.09940	.06330	-.03270	4.28120
	GRADIENT	.00112	.00108	.00002	-.00005	-.00095	-.00094	-.02269	.01452	-.00772	.97934

RUN NO. 1829/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	C'.	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.109	-4.088	.04850	.02320	.08860	.04690	-.01960	-.00490	.08960	-.05730	.03320	-4.00500
-4.111	.192	.01950	-.00420	.08860	.04970	.00570	.01950	-.00320	.00170	.00010	.19330
-3.937	4.280	.05170	.02640	.08800	.04620	-.02270	-.00800	-.09180	.05900	-.03220	4.20090
	GRADIENT	.00033	.00033	-.00007	-.00008	-.00032	-.00032	-.02168	.01396	-.00782	.98067

RUN NO. 1830/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-2.304	-4.157	.11530	.09070	.08710	.04640	-.06640	-.05220	.08760	-.05670	.03410	-4.08350
-2.206	.194	.08790	.06510	.08520	.04790	-.04330	-.03010	-.00060	.00000	.00040	.19420
-1.679	4.291	.13780	.11320	.08410	.04350	-.08280	-.06860	-.08650	.05610	-.03250	4.22220
	GRADIENT	.00257	.00257	-.00036	-.00034	-.00187	-.00187	-.02060	.01335	-.00788	.98306

RUN NO. 1831/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.196	-4.354	.20300	.17910	.08210	.04270	-.12840	-.11460	.08590	-.05570	.03510	-4.29640
-.248	-.303	.16710	.14510	.08130	.04540	-.09880	-.08590	.00480	-.00290	.00360	-.27330
-.185	3.546	.19840	.17410	.08340	.04330	-.12350	-.10950	-.06990	.04540	-.02620	3.54780
	GRADIENT	-.00065	-.00070	.00016	.00008	.00068	.00070	-.01972	.01280	-.00776	.99291

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M067) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1832/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
2.212	-3.720	.30750	.28390	.07810	.03930	-.20260	-.18890	.06630	-.04300	.02940	-3.74330
1.792	.201	.25790	.23570	.08040	.04440	-.16290	-.14990	.00150	-.00110	.00130	.20030
1.711	3.833	.28940	.26550	.07970	.04030	-.18920	-.17540	-.06910	.04510	-.02650	3.84940
	GRADIENT	-.00253	-.00257	.00022	.00015	.00188	.00190	-.01791	.01165	-.00740	1.00522

RUN NO. 1833/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
3.956	-3.758	.36990	.34660	.07620	.03780	-.24750	-.23400	.06410	-.04110	.02920	-3.79730
4.038	.200	.34740	.32490	.07890	.04240	-.22730	-.21410	-.00180	.00120	.00030	.19750
3.782	3.987	.37040	.34640	.07830	.03870	-.24730	-.23340	-.06720	.04360	-.02690	4.01750
	GRADIENT	.00002	-.00007	.00027	.00012	.00006	.00011	-.01695	.01093	-.00724	1.00903

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M068) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1834/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.314	-6.032	-.09910	-.13040	.11500	.06300	.09210	.11000	.15480	-.09970	.05140	-5.88410
-8.362	-3.934	-.11350	-.14300	.11600	.06700	.10430	.12130	.09490	-.06080	.03310	-3.82950
-8.279	.319	-.14280	-.17020	.11400	.06910	.12880	.14470	-.01110	.00610	-.00160	.32020
-8.017	4.273	-.11980	-.14970	.11560	.06590	.10750	.12460	-.10790	.06870	-.03340	4.18260
-7.758	6.248	-.10390	-.13540	.11490	.06230	.09220	.11020	-.15980	.10360	-.05080	6.11380
	GRADIENT	-.00084	-.00089	-.00005	-.00013	.00046	.00047	-.02471	.01578	-.00810	.97625

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M068) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1835/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.215	-6.148	.04870	.01950	.10930	.06070	-.01460	.00210	.14310	-.09200	.05130	-6.02520
-4.443	-4.098	.02960	.00180	.10860	.06230	-.00030	.01570	.09420	-.06050	.03470	-4.00830
-4.126	.187	.00950	-.01710	.10820	.06470	.01900	.03440	-.00070	-.00060	.00100	.18760
-3.941	4.271	.04210	.01410	.10850	.06200	-.00970	.00640	-.09110	.05720	-.03220	4.18540
-3.676	6.247	.05970	.02980	.10780	.05790	-.02600	-.00890	-.13810	.08830	-.04920	6.12930
	GRADIENT	.00144	.00142	-.00001	-.00003	-.00108	-.00107	-.02214	.01406	-.00799	.97907

RUN NO. 1836/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.073	-6.264	.20830	.17970	.10460	.05670	-.12750	-.11110	.12430	-.07910	.05140	-6.18790
-.158	-4.389	.19360	.16730	.09810	.05430	-.11830	-.10320	.08460	-.05350	.03620	-4.32710
-.189	-.142	.15200	.12620	.10410	.06180	-.08270	-.06770	.00360	-.00260	.00310	-.11390
-.112	3.625	.18720	.16070	.10160	.05780	-.11170	-.09640	-.06620	.04080	-.02590	3.62260
-.006	5.687	.21130	.18380	.10050	.05490	-.13230	-.11650	-.11040	.07030	-.04350	5.67270
	GRADIENT	-.00099	-.00101	.00046	.00046	.00098	.00101	-.01882	.01177	-.00775	.99204

RUN NO. 1837/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.175	-5.665	.38420	.35790	.09320	.04930	-.25570	-.24060	.09090	-.05720	.04380	-5.72190
3.866	-3.672	.36480	.33930	.09280	.05050	-.24110	-.22660	.05830	-.03600	.02880	-3.71330
4.044	.195	.34520	.31990	.09520	.05410	-.22250	-.20770	.00080	-.00080	.00090	.13260
3.734	3.960	.36280	.33680	.09590	.05300	-.23840	-.22340	-.06050	.03720	-.02620	3.99060
3.808	5.874	.37160	.34490	.09470	.05040	-.24720	-.23180	-.09340	.05880	-.04080	5.91820
	GRADIENT	-.00028	-.00035	.00041	.00033	.00037	.00044	-.01556	.00959	-.00721	1.00942

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M069) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = 5.000

RUN NO. 1838/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.274	-6.057	-.13240	-.16880	.14090	.08040	.12960	.15040	.15560	-.09740	.05810	-5.84810
-8.370	-3.960	-.14380	-.17830	.13760	.08010	.13740	.15720	.09490	-.05910	.03670	-3.82010
-8.319	.338	-.17110	-.20550	.14310	.08620	.16180	.18170	-.01030	.00590	-.00150	.33930
-7.996	4.290	-.14880	-.18470	.14170	.08210	.14190	.16260	-.10530	.06490	-.03620	4.16650
	GRADIENT	-.00069	-.00086	.00051	.00026	.00062	.00073	-.02427	.01503	-.00884	.96804

RUN NO. 1839/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.238	-4.035	-.05900	-.09210	.13480	.07960	.07570	.09460	.09330	-.05810	.03810	-3.90620
-6.107	.192	-.08290	-.11760	.14150	.08400	.09880	.11880	-.00480	.00210	.00010	.19440
-5.983	4.310	-.05950	-.09380	.13700	.08010	.07680	.09660	-.09550	.05740	-.03570	4.18860
	GRADIENT	-.00008	-.00023	.00027	.00006	.00016	.00026	-.02263	.01384	-.00884	.97001

RUN NO. 1840/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.075	-4.132	.02500	-.00750	.13440	.08010	.01610	.03460	.09020	-.05570	.03950	-4.01570
-4.113	.185	-.00030	-.03300	.13740	.08340	.03940	.05830	.00040	-.00120	.00150	.18830
-3.978	4.320	.02810	-.00620	.13910	.08230	.01450	.03440	-.09010	.05290	-.03730	4.20300
	GRADIENT	.00032	.00011	.00056	.00026	-.00015	.00002	-.02133	.01285	-.00908	.97243

RUN NO. 1841/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-2.378	-4.217	.09530	.06280	.13310	.07850	-.03480	-.01630	.08710	-.05340	.04070	-4.11750
-2.169	.189	.08280	.05080	.13320	.08030	-.02120	-.00270	.00160	-.00220	.00160	.18890
-1.882	4.318	.11680	.08350	.13550	.08050	-.04990	-.03070	-.08180	.04710	-.03770	4.21770
	GRADIENT	.00246	.00237	.00028	.00024	-.00172	-.00163	-.01978	.01177	-.00918	.97657

RUN NO. 1842/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.037	-4.368	.19460	.16260	.13190	.07800	-.10650	-.08830	.08450	-.05170	.04300	-4.30200
-.073	-.311	.17130	.14080	.12740	.07660	-.08650	-.06900	.00710	-.00460	.00620	-.28160
.029	3.560	.20700	.17480	.13330	.08010	-.11360	-.09500	-.06690	.04080	-.02970	3.55680
	GRADIENT	.00151	.00148	.00017	.00026	-.00085	-.00080	-.01910	.01167	-.00917	.99119

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M069) (08 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1843/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
2.194	-3.678	.30070	.26940	.12730	.07440	-.18360	-.16580	.06640	-.04220	.03330	-3.70520
2.135	.203	.27710	.24520	.13160	.07880	-.16210	-.14370	.00500	-.00430	.00300	.19890
1.713	3.808	.28390	.25200	.12760	.07480	-.17020	-.15180	-.06560	.03990	-.02920	3.82320
	GRADIENT	-.00229	-.00237	.00005	.00007	.00184	.00192	-.01761	.01095	-.00834	1.00570

RUN NO. 1844/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
3.980	-3.727	.37230	.34110	.12520	.07250	-.23610	-.21840	.06080	-.03730	.03180	-3.77690
4.040	.201	.35150	.31990	.12920	.07720	-.21620	-.19790	.00290	-.00320	.00220	.19410
3.783	3.963	.37070	.33900	.12540	.07290	-.23350	-.21530	-.06010	.03540	-.02730	3.99630
	GRADIENT	-.00025	-.00031	.00003	.00006	.00037	.00044	-.01571	.00945	-.00768	1.01071

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M070) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1846/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.163	-6.115	-.14040	-.18010	.15050	.08450	.13980	.16260	.16060	-.10350	.05990	-5.90420
-8.104	-4.018	-.15730	-.19580	.15430	.09030	.15470	.17690	.10080	-.06560	.03930	-3.87510
-8.075	.190	-.17870	-.21590	.15710	.09550	.17500	.19640	-.00910	.00550	-.00090	.19520
-8.046	4.307	-.16200	-.20110	.15510	.09080	.15770	.18040	-.11340	.07280	-.03940	4.17620
-7.723	6.331	-.13350	-.17320	.15550	.08990	.13340	.15630	-.16630	.10640	-.05970	6.12980
	GRADIENT	-.00058	-.00065	.00010	.00006	.00038	.00044	-.02573	.01662	-.00945	.96703

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M070) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1947/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.180	-6.198	.03100	-.00670	.15050	.08780	.01460	.03630	.14760	-.09480	.06270	-6.02910
-4.454	-4.140	-.00500	-.04190	.15050	.08920	.04400	.06520	.09650	-.06290	.04190	-4.02000
-4.133	.184	-.01660	-.05390	.15250	.09060	.05850	.08000	-.00200	.00020	.00070	.18430
-3.978	4.312	.02430	-.01320	.14990	.08810	.02220	.04390	-.09640	.06030	-.04010	4.19460
-3.596	6.303	.05580	.01780	.15150	.08900	-.00530	.01670	-.14320	.08960	-.06070	6.13680
	GRADIENT	.00342	.00335	-.00007	-.00013	-.00253	-.00247	-.02282	.01458	-.00970	.97187

RUN NO. 1948/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.071	-6.289	.21140	.17470	.14640	.08520	-.11740	-.09640	.13290	-.08480	.06320	-6.20970
-.023	-4.403	.19710	.16150	.14740	.08800	-.10560	-.08520	.09760	-.06430	.04690	-4.34150
-.081	-.155	.16220	.12600	.15050	.09040	-.07350	-.05280	.00750	-.00600	.00540	-.12790
.005	3.601	.19100	.15390	.14830	.08710	-.09890	-.07750	-.06340	.03770	-.02920	3.59630
.099	5.700	.20210	.16380	.15140	.08840	-.10870	-.08660	-.10820	.06620	-.05000	5.67800
	GRADIENT	-.00092	-.00111	.00013	-.00010	.00098	.00111	-.02014	.01276	-.00951	.99167

RUN NO. 1949/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.193	-5.624	.37020	.33230	.14480	.08140	-.22870	-.20700	.09020	-.05630	.04860	-5.69950
3.895	-3.663	.35230	.31580	.14500	.08400	-.21530	-.19440	.05930	-.03750	.03260	-3.71860
4.050	.190	.33490	.29760	.14900	.08690	-.19780	-.17630	.00230	-.00290	.00190	13260
3.761	3.949	.35290	.31630	.14560	.08500	-.21630	-.19530	-.05920	.03480	-.02920	3.98850
4.091	5.912	.36980	.33290	.14240	.08150	-.23220	-.21090	-.09170	.05500	-.04510	5.97300
	GRADIENT	.00006	.00005	.00008	.00013	-.00011	-.00010	-.01557	.00950	-.00812	1.01260

1A105A, AEDC PWT-TF470, O T S WO/SILTS (R8M071) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1850/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.003	-6.098	-.12030	-.15510	.15220	.09450	.12600	.14600	.15070	-.09580	.05930	-5.87300
-8.363	-3.996	-.14880	-.18280	.15210	.09610	.14850	.16820	.09280	-.05900	.03680	-3.84980
-8.340	.260	-.16750	-.20010	.15210	.09830	.16440	.18320	-.00730	.00350	-.00060	.26340
-7.976	4.313	-.14450	-.17960	.15260	.09510	.14470	.16500	-.10130	.06300	-.03620	4.18040
-7.758	6.341	-.13250	-.16880	.15570	.09570	.13350	.15450	-.15560	.09810	-.05760	6.13240
	GRADIENT	.00048	.00035	.00006	-.00012	-.00042	-.00035	-.02336	.01468	-.00879	.96649

RUN NO. 1851/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.131	-6.202	.04460	.01110	.14910	.09340	.00330	.02260	.13710	-.08670	.06090	-6.02830
-4.423	-4.143	.01880	-.01370	.14890	.09500	.02400	.04270	.09100	-.05830	.04160	-4.01710
-4.128	.183	.01750	-.01400	.14750	.09560	.02790	.04600	.00070	-.00190	.00140	.18360
-3.972	4.303	.03300	-.00070	.14840	.09330	.01350	.03310	-.08670	.05230	-.03780	4.18240
-3.600	6.297	.05480	.01970	.14900	.09120	-.00600	.01430	-.13290	.08150	-.05750	6.12900
	GRADIENT	.00166	.00153	-.00006	-.00020	-.00123	-.00112	-.02104	.01309	-.00940	.97076

RUN NO. 1852/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.095	-6.298	.21940	.18670	.14730	.09300	-.12440	-.10560	.12620	-.07980	.06060	-6.21910
.002	-4.406	.20640	.17430	.14640	.09320	-.11410	-.09570	.08870	-.05650	.04390	-4.34320
-.039	-.159	.19440	.16340	.14660	.09540	-.10270	-.08480	.00670	-.00520	.00510	-.13170
.045	3.596	.21320	.18150	.14520	.09320	-.11870	-.10030	-.06610	.03990	-.02990	3.59090
.142	5.692	.22490	.19240	.14510	.09190	-.13040	-.11150	-.10800	.06590	-.04930	5.66890
	GRADIENT	.00077	.00082	-.00015	.00001	-.00050	-.00051	-.01934	.01205	-.00922	.99144

RUN NO. 1853/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.206	-5.625	.37900	.34650	.14170	.08740	-.24010	-.22150	.09490	-.05990	.04980	-5.70150
3.890	-3.650	.35970	.32780	.14220	.08920	-.22550	-.20720	.06340	-.04080	.03380	-3.70710
4.032	.198	.35100	.31960	.14280	.09080	-.21510	-.19710	.00610	-.00580	.00350	.18830
3.768	3.951	.37320	.34160	.14250	.09050	-.23550	-.21720	-.06120	.03610	-.02910	3.98890
4.042	5.905	.38130	.35100	.13780	.08810	-.24490	-.22740	-.09180	.05460	-.04410	5.96070
	GRADIENT	.00176	.00100	.00004	.00017	-.00130	-.00130	-.01639	.01011	-.00827	1.01251

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M072) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1854/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.148	-4.029	-.12650	-.15770	.15330	.10220	.12990	.14810	.09520	-.06080	.03840	-3.87230
-8.253	.255	-.13550	-.16520	.15090	.10200	.13770	.15490	-.00930	.00640	-.00130	.25980
-7.998	4.312	-.11780	-.14980	.15290	.10040	.12190	.14050	-.10580	.06840	-.03770	4.17740
	GRADIENT	.00101	.00092	-.00005	-.00021	-.00093	-.00089	-.02410	.01549	-.00912	.96507

RUN NO. 1855/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.281	-4.041	-.05030	-.08090	.15110	.10120	.07220	.09000	.08980	-.05730	.03840	-3.90050
-6.124	.194	-.04610	-.07620	.15040	.10080	.07100	.08840	-.00610	.00390	-.00020	.19920
-5.981	4.333	-.03170	-.06380	.15080	.09840	.05690	.07560	-.09950	.06320	-.03780	4.20480
	GRADIENT	.00222	.00204	-.00004	-.00033	-.00182	-.00171	-.02261	.01439	-.00910	.96789

RUN NO. 1856/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.007	-4.137	.04590	.01590	.14870	.09980	-.00030	.01720	.08850	-.05650	.03950	-4.01900
-4.122	.195	.03830	.00930	.14860	.10070	.00740	.02430	-.00140	.00060	.00120	.19960
-3.979	4.323	.05480	.02250	.14910	.09640	-.00790	.01090	-.09250	.05790	-.03690	4.21010
	GRADIENT	.00103	.00076	.00005	-.00040	-.00088	-.00072	-.02139	.01352	-.00903	.97265

RUN NO. 1857/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-2.387	-4.207	.11410	.08470	.14760	.09940	-.05080	-.03370	.08710	-.05570	.04010	-4.10840
-2.156	.200	.12350	.09470	.14910	.10150	-.05620	-.03960	-.00110	.00020	.00130	.20120
-1.899	4.315	.14450	.11490	.14800	.09960	-.07480	-.05760	-.08550	.05260	-.03590	4.22100
	GRADIENT	.00355	.00353	.00005	.00003	-.00280	-.00279	-.02025	.01271	-.00892	.97742

RUN NO. 1858/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.011	-4.368	.22040	.19160	.14800	.10030	-.13040	-.11380	.08620	-.05510	.04110	-4.30410
-.019	-.321	.21280	.18400	.14790	.10010	-.12220	-.10560	.00900	-.00680	.00620	-.29250
.060	3.548	.22420	.19480	.14840	.09990	-.13230	-.11530	-.06580	.03980	-.02840	3.54190
	GRADIENT	.00046	.00039	.00005	-.00005	-.00022	-.00017	-.01920	.01199	-.00878	.99123

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M072) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1859/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
2.238	-3.700	.31610	.28810	.14600	.09970	-.19990	-.18380	.06850	-.04430	.03390	-3.72950
2.108	.214	.29520	.26660	.14670	.09950	-.18140	-.16480	.00080	-.00130	.00200	.20810
1.698	3.789	.29460	.26590	.14720	.10000	-.18320	-.16650	-.06570	.04020	-.02880	3.80290
	GRADIENT	-.00291	-.00300	.00016	.00004	.00227	.00235	-.01791	.01128	-.00837	1.00584

RUN NO. 1860/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
3.948	-3.707	.37670	.34780	.14630	.09850	-.24340	-.22680	.06410	-.04110	.03250	-3.76050
4.041	.213	.37220	.34320	.14770	.10010	-.23670	-.21990	.00080	-.00160	.00200	.20390
3.786	3.949	.37300	.34440	.14550	.09860	-.24030	-.22370	-.06350	.03870	-.02820	3.98450
	GRADIENT	-.00049	-.00045	-.00010	.00002	.00042	.00042	-.01666	.01042	-.00793	1.01157

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M073) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1861/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.251	-6.055	-.10710	-.13770	.15830	.10730	.11300	.13050	.15420	-.10180	.05680	-5.84540
-8.432	-3.968	-.12240	-.15180	.15950	.11080	.12590	.14280	.09700	-.06370	.03670	-3.82450
-8.295	.374	-.12930	-.15750	.15810	.11160	.13060	.14680	-.01010	.00600	-.00210	.37120
-8.033	4.350	-.11940	-.14800	.15570	.10870	.12010	.13670	-.10720	.07010	-.03670	4.22190
-7.695	6.358	-.11160	-.14210	.15400	.10360	.11210	.12970	-.16020	.10530	-.05500	6.17300
	GRADIENT	.00033	.00043	-.00045	-.00025	-.00067	-.00071	-.02455	.01608	-.00883	.96732

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M073) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1862/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.304	-6.197	.04260	.01260	.15430	.10440	-.00170	.01550	.14680	-.09540	.05710	-6.03630
-4.477	-4.125	.02560	-.00290	.15470	.10770	.01150	.02800	.09460	-.06140	.03790	-4.00980
-4.135	.233	.04190	.01410	.15430	.10820	-.00130	.01460	.00090	-.00230	.00160	.23420
-4.053	4.325	.03660	.00750	.15290	.10490	.00040	.01720	-.09450	.05970	-.03370	4.22240
-3.558	6.311	.05310	.02150	.15070	.09850	-.01420	.00390	-.14260	.09120	-.05210	6.16720
	GRADIENT	.00133	.00126	-.00021	-.00033	-.00133	-.00130	-.02237	.01432	-.00847	.97427

RUN NO. 1863/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.093	-6.329	.20600	.17780	.14910	.10170	-.12560	-.10950	.13200	-.08430	.05620	-6.24170
-.182	-4.431	.19570	.16820	.15060	.10510	-.11800	-.10200	.09100	-.05790	.03970	-4.36110
-.175	-.198	.19540	.16830	.15140	.10670	-.11610	-.10050	.00410	-.00260	.00450	-.15930
-.115	3.569	.19980	.17200	.15070	.10460	-.12040	-.10440	-.07050	.04420	-.02680	3.56170
-.071	5.674	.19970	.17090	.14970	.10200	-.12260	-.10600	-.11520	.07240	-.04460	5.64500
	GRADIENT	.00050	.00047	.00002	-.00005	-.00028	-.00029	-.02020	.01277	-.00831	.93054

RUN NO. 1864/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.217	-5.605	.38380	.35580	.14650	.10150	-.25530	-.23930	.10060	-.06440	.04660	-5.66660
3.906	-3.606	.36450	.33750	.14690	.10240	-.24050	-.22550	.06320	-.04110	.03020	-3.65420
4.022	.245	.36520	.33830	.14990	.10590	-.23890	-.22330	.00030	-.00150	.00160	.23510
3.696	3.974	.35780	.33060	.14830	.10330	-.23540	-.21970	-.06570	.03960	-.02700	4.00010
3.986	5.920	.36310	.33460	.14570	.09860	-.24150	-.22510	-.10130	.06210	-.04250	5.96080
	GRADIENT	-.00088	-.00090	.00019	.00012	.00067	.00076	-.01700	.01064	-.00755	1.00983

IA105A. AEDC PWT-TF470. O T S W0/SILTS (R8M074) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1865/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.476	-6.069	-.09350	-.12160	.16070	.11430	.10240	.11860	.15640	-.10570	.05570	-5.89080
-8.496	-3.899	-.10500	-.13220	.16120	.11570	.11180	.12740	.09700	-.06580	.03530	-3.78130
-8.355	.462	-.11110	-.13670	.15930	.11660	.11540	.13000	-.01150	.00730	-.00230	.46050
-7.965	4.448	-.10440	-.13050	.15540	.11200	.10800	.12300	-.10560	.07080	-.03560	4.33920
-7.736	6.449	-.10020	-.12620	.15350	.10800	.10270	.11770	-.15710	.10520	-.05310	6.28980
	GRADIENT	.00005	.00018	-.00069	-.00043	-.00044	-.00051	-.02428	.01637	-.00850	.97278

RUN NO. 1866/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.376	-6.214	.03980	.01200	.15370	.10680	-.00150	.01430	.14980	-.10050	.05390	-6.08550
-4.605	-4.109	.01910	-.00790	.15480	.10990	.01400	.02950	.09910	-.06680	.03550	-4.01890
-4.233	.315	.02370	-.00250	.15370	.11000	.01000	.02500	-.00400	.00160	-.00030	.31330
-3.958	4.449	.03040	.00430	.14880	.10560	.00200	.01710	-.09600	.06310	-.03210	4.36550
-3.565	6.363	.04440	.01840	.14760	.10460	-.01010	.00490	-.14330	.09460	-.04900	6.24670
	GRADIENT	.00132	.00142	-.00070	-.00050	-.00140	-.00144	-.02280	.01518	-.00790	.97974

RUN NO. 1867/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.244	-6.373	.18980	.16360	.14650	.10220	-.11810	-.10330	.13410	-.08870	.05270	-6.29550
-.319	-4.498	.18230	.15610	.14950	.10610	-.11190	-.09690	.09450	-.06240	.03710	-4.43470
-.334	-.226	.17610	.15070	.15080	.10880	-.10680	-.09220	.00640	-.00450	.00420	-.13680
-.297	3.509	.18220	.15570	.14920	.10520	-.11220	-.09710	-.06990	.04530	-.02430	3.50700
-.248	5.608	.18130	.15440	.14730	.10240	-.11310	-.09780	-.11590	.07530	-.04170	5.58820
	GRADIENT	-.00005	-.00008	-.00003	-.00009	-.00001	.00000	-.02054	.01345	-.00767	.99190

RUN NO. 1868/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.249	-5.525	.35220	.32470	.14130	.09440	-.23670	-.22120	.10290	-.06890	.04560	-5.58630
3.905	-3.514	.33850	.31270	.14530	.10290	-.22570	-.21080	.06470	-.04400	.02900	-3.55880
3.914	.327	.34040	.31460	.14740	.10460	-.22730	-.21240	-.00060	-.00170	.00140	.31600
3.608	3.992	.33730	.31090	.14630	.10250	-.22640	-.21120	-.06680	.04180	-.02570	4.01550
3.876	5.944	.34170	.31370	.14540	.09850	-.23080	-.21480	-.10460	.06680	-.04070	5.97910
	GRADIENT	-.00015	-.00023	.00014	-.00005	-.00010	-.00006	-.01752	.01143	-.00729	1.00922

1A105A, AEDC PWT-TF470, O T S WO/SILTS (R8M075) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = 9.000

RUN NO. 1694/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.105	-7.946	-.01570	-.04200	.06460	.02190	.00920	.02450	.18690	-.12030	.05920	-7.82910
-8.076	-3.872	-.03390	-.05790	.06950	.03080	.02430	.03850	.08720	-.05660	.02910	-3.80850
-8.120	.330	-.05620	-.07860	.06660	.03090	.04260	.05590	-.01690	.01040	-.00410	.32520
-7.922	4.170	-.03680	-.06080	.06660	.02820	.02540	.03960	-.10000	.06400	-.03060	4.11030
-7.864	8.190	-.03120	-.05780	.06330	.02090	.01520	.03090	-.19470	.12550	-.06000	8.07570
	GRADIENT	-.00044	-.00043	-.00037	-.00032	.00020	.00020	-.02330	.01501	-.00743	.98462

RUN NO. 1695/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.188	-8.047	.10370	.07820	.06610	.02470	-.07290	-.05800	.17820	-.11620	.06010	-7.94570
-4.129	-3.939	.08780	.06520	.06890	.03240	-.05960	-.04630	.08320	-.05470	.02930	-3.88190
-4.002	.185	.07610	.05410	.06950	.03460	-.04790	-.03480	-.00560	.00300	-.00090	.18420
-3.828	4.161	.10370	.08090	.06790	.03130	-.07110	-.05770	-.08710	.05600	-.02940	4.10370
-3.792	8.163	.11240	.08690	.06550	.02430	-.08330	-.06830	-.17820	.11620	-.06000	8.06350
	GRADIENT	.00193	.00191	-.00012	-.00013	-.00139	-.00138	-.02103	.01367	-.00725	.98590

RUN NO. 1696/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.132	-8.249	.23450	.21040	.06130	.02220	-.16320	-.14910	.16500	-.10870	.06090	-8.18080
-.223	-4.025	.21170	.18950	.06470	.02890	-.14510	-.13210	.07670	-.04980	.02970	-3.97730
-.207	-.079	.19540	.17470	.06590	.03300	-.13030	-.11800	.00080	-.00040	.00190	-.03150
-.164	3.839	.21540	.19350	.06500	.02970	-.14730	-.13440	-.07210	.04680	-.02480	3.84750
-.075	7.830	.23050	.20580	.06160	.02160	-.16340	-.14880	-.15230	.10080	-.05370	7.82070
	GRADIENT	.00047	.00050	.00004	.00010	-.00027	-.00029	-.01832	.01228	-.00693	.99494

RUN NO. 1697/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.257	-7.801	.39070	.36720	.04920	.01120	-.27210	-.25840	.12630	-.08430	.05500	-7.85370
4.164	-3.823	.37270	.35170	.05310	.01920	-.25770	-.24540	.05970	-.03920	.02660	-3.85740
4.098	.193	.34830	.32780	.05570	.02310	-.23690	-.22470	-.00130	.00090	.00020	.19080
3.843	4.102	.36150	.33950	.05520	.01960	-.24930	-.23640	-.06350	.04120	-.02410	4.12700
3.893	7.974	.37080	.34650	.05140	.01210	-.26140	-.24710	-.13420	.08970	-.05220	8.01460
	GRADIENT	-.00143	-.00156	.00027	.00005	.00108	.00115	-.01554	.01014	-.00640	1.00754

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M075) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1728/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
8.168	-7.697	.51000	.48640	.03590	-.00220	-.35560	-.34170	.10360	-.06880	.05250	-7.82020
8.176	-3.771	.50870	.48810	.03700	.00390	-.35420	-.34210	.04960	-.03300	.02590	-3.83830
7.799	.145	.47660	.45730	.04010	.00920	-.32770	-.31630	-.00290	.00180	.00010	.13970
8.122	4.132	.51110	.49020	.03770	.00430	-.35510	-.34260	-.05550	.03630	-.02440	4.18390
8.189	8.096	.51170	.48770	.03480	-.00380	-.35940	-.34520	-.11390	.07650	-.05110	8.20390
	GRADIENT	.00033	.00029	.00009	.00005	-.00013	-.00008	-.01330	.00877	-.00636	1.01511

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M076) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1698/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.283	-5.997	-.03890	-.06440	.07800	.03820	.03030	.04510	.14650	-.09380	.04750	-5.87660
-8.344	-3.871	-.05110	-.07530	.07910	.03950	.04030	.05430	.08630	-.05550	.02910	-3.79130
-8.282	.360	-.07920	-.10210	.07820	.04130	.06360	.07700	-.01280	.00740	-.00260	25770
-7.998	4.243	-.05240	-.07680	.07710	.03740	.03970	.05400	-.10070	.06400	-.03120	4.16610
-7.761	6.244	-.03830	-.06390	.07530	.03350	.02600	.04090	-.15030	.09650	-.04740	6.13050
	GRADIENT	-.00026	-.00028	-.00025	-.00025	.00001	.00004	-.02305	.01473	-.00743	.98078

RUN NO. 1699/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.237	-6.092	.09970	.07530	.07530	.03540	-.06700	-.05280	.13820	-.09100	.04820	-5.99200
-4.439	-4.052	.08080	.05760	.07670	.03850	-.05280	-.03930	.08730	-.05730	.03110	-3.98050
-4.110	.193	.06350	.04140	.07690	.04110	-.03610	-.02310	-.00290	.00110	.00010	.19260
-3.925	4.261	.09610	.07290	.07460	.03690	-.06400	-.05040	-.08950	.05750	-.03080	4.18980
-3.641	6.227	.11630	.09180	.07350	.03360	-.08110	-.06680	-.13360	.08700	-.04650	6.12970
	GRADIENT	.00180	.00180	-.00025	-.00019	-.00131	-.00130	-.02127	.01381	-.00745	.98291

IA105A. AEDC PWT-TF470, O T S W0/SILTS (R8M076) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1700/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.148	-6.107	.24590	.22220	.06970	.03090	-.16870	-.15490	.12250	-.08120	.04720	-6.04330
-.201	-4.289	.23170	.20930	.07160	.03480	-.15750	-.14470	.08160	-.05330	.03250	-4.23590
-.210	-.264	.20190	.18080	.07200	.03790	-.13250	-.12010	.00360	-.00260	.00280	-.23650
-.141	3.626	.23020	.20830	.07070	.03490	-.15560	-.14280	-.06910	.04450	-.02490	3.62960
-.039	5.698	.24850	.22510	.06920	.03100	-.17190	-.15830	-.11210	.07350	-.04110	5.69090
	GRADIENT	-.00023	-.00017	-.00011	.00002	.00029	.00027	-.01904	.01236	-.00725	.99371

RUN NO. 1701/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.188	-5.695	.41550	.39310	.06140	.02470	-.28810	-.27510	.09630	-.06430	.04290	-5.74890
3.865	-3.706	.39070	.36930	.06110	.02610	-.27030	-.25790	.06100	-.04040	.02810	-3.74580
4.014	.199	.36940	.34850	.06270	.02910	-.25120	-.23890	-.00020	-.00040	.00090	.13510
3.775	4.000	.39500	.37320	.06170	.02630	-.27250	-.25980	-.06370	.04070	-.02570	4.02940
4.000	5.992	.40780	.38430	.06160	.02330	-.28420	-.27060	-.10150	.06690	-.04120	6.03530
	GRADIENT	.00053	.00048	.00008	.00003	-.00026	-.00022	-.01618	.01052	-.00698	1.00892

RUN NO. 1702/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.345	-5.706	.48260	.46010	.05730	.02050	-.33470	-.32150	.09290	-.06250	.04040	-5.78160
6.072	-3.717	.47040	.44940	.05710	.02260	-.32610	-.31390	.05990	-.04050	.02630	-3.76910
5.932	.208	.45310	.43280	.05770	.02510	-.31050	-.29850	-.00050	-.00070	.00110	.20000
5.641	4.012	.46060	.43930	.05780	.02300	-.31820	-.30570	-.06270	.04030	-.02380	4.04490
6.011	6.056	.47190	.44900	.05690	.01960	-.32880	-.31550	-.09690	.06380	-.03770	6.11120
	GRADIENT	-.00128	-.00132	.00009	.00005	.00104	.00108	-.01586	.01045	-.00648	1.01099

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M077) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1703/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.289	-6.014	-.07400	-.10240	.09960	.05270	.06480	.08120	.15420	-.09950	.05080	-5.87450
-8.330	-3.935	-.08430	-.11080	.09750	.05380	.07320	.08840	.09350	-.06040	.03200	-3.84050
-8.308	.310	-.11450	-.13970	.09630	.05520	.09830	.11300	-.01320	.00760	-.00250	.30880
-8.007	4.256	-.09200	-.11880	.09700	.05290	.07710	.09260	-.10460	.06540	-.03190	4.17100
-7.753	6.250	-.07660	-.10440	.09530	.04940	.06160	.07760	-.15550	.09930	-.04900	6.12210
	GRADIENT	-.00102	-.00105	-.00006	-.00010	.00054	.00058	-.02420	.01537	-.00781	.97817

RUN NO. 1704/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.249	-6.147	.06970	.04340	.09350	.05000	-.03740	-.02220	.14420	-.09450	.05180	-6.03080
-4.413	-4.093	.05400	.02920	.09030	.04950	-.02610	-.01180	.09120	-.05990	.03390	-4.00990
-4.116	.188	.03430	.01040	.09160	.05250	-.00710	.00680	-.00150	-.00060	.00090	.18830
-3.938	4.270	.06830	.04320	.08900	.04770	-.03740	-.02290	-.08790	.05480	-.03060	4.19000
-3.665	6.246	.08520	.05880	.08880	.04520	-.05300	-.03780	-.13850	.08900	-.04910	6.13360
	GRADIENT	.00166	.00162	-.00015	-.00021	-.00130	-.00128	-.02142	.01372	-.00771	.98059

RUN NO. 1705/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.088	-6.235	.23800	.21310	.08490	.04400	-.15600	-.14160	.12560	-.08360	.05130	-6.16900
-.189	-4.391	.22170	.19730	.08450	.04430	-.14460	-.13050	.08820	-.05830	.03710	-4.33500
-.210	-.078	.18840	.16630	.08550	.04940	-.11690	-.10400	.00230	-.00270	.00310	-.05240
-.136	3.650	.22300	.19920	.08600	.04670	-.14440	-.13070	-.06820	.04260	-.02590	3.04960
-.044	5.685	.23990	.21440	.08490	.04270	-.15950	-.14470	-.11290	.07320	-.04380	5.67260
	GRADIENT	-.00004	.00004	.00019	.00032	.00019	.00014	-.01946	.01256	-.00784	.99290

RUN NO. 1711/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.192	-5.665	.41010	.38580	.07960	.03970	-.28010	-.26600	.09750	-.06380	.04350	-5.71810
4.106	-3.710	.40090	.37770	.07950	.04140	-.27300	-.25950	.06520	-.04280	.02940	-3.75170
3.991	.203	.37020	.34760	.08120	.04520	-.24740	-.23420	.00140	-.00200	.00130	.19760
3.788	3.991	.39260	.36890	.08040	.04140	-.26700	-.25330	-.06580	.04130	-.02620	4.01800
4.023	5.960	.40450	.37970	.07960	.03870	-.27820	-.26380	-.10190	.06510	-.04100	5.99890
	GRADIENT	-.00111	-.00118	.00012	.00001	.00081	.00084	-.01701	.01092	-.00722	1.00896

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M078) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1707/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.081	-6.002	-.08540	-.11600	.11890	.06800	.08080	.09830	.15820	-.10320	.05340	-5.85050
-8.373	-3.962	-.10180	-.13200	.11770	.06740	.09340	.11080	.09770	-.06390	.03380	-3.85970
-8.299	.262	-.13090	-.15860	.11630	.07110	.11820	.13430	-.01140	.00590	-.00140	.26380
-7.996	4.268	-.10630	-.13650	.11640	.06630	.09490	.11220	-.10970	.06950	-.03370	4.17700
-7.784	6.255	-.09410	-.12480	.11620	.06480	.08230	.10000	-.16190	.10440	-.05120	6.11870
	GRADIENT	-.00060	-.00060	-.00016	-.00012	.00023	.00022	-.02521	.01621	-.00820	.97656

RUN NO. 1708/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.124	-6.130	.06440	.03540	.11190	.06360	-.02770	-.01110	.14430	-.09420	.05240	-6.00840
-4.452	-4.110	.04220	.01450	.11170	.06540	-.01130	.00470	.09590	-.06290	.03560	-4.02100
-4.111	.186	.02510	-.00130	.11170	.06810	.00560	.02090	-.00120	-.00110	.00090	.18560
-3.958	4.276	.05560	.02740	.11020	.06340	-.02200	-.00580	-.09200	.05720	-.03260	4.18880
-3.665	6.238	.07550	.04590	.11030	.06120	-.04020	-.02330	-.14130	.09000	-.05040	6.11710
	GRADIENT	.00155	.00149	-.00018	-.00023	-.00123	-.00121	-.02241	.01432	-.00813	.97839

RUN NO. 1710/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.087	-6.293	.22830	.20000	.10750	.06020	-.14460	-.12840	.12500	-.08070	.05230	-6.21940
-.128	-4.089	.21280	.18980	.10490	.06000	-.13340	-.11810	.08330	-.05140	.03020	-4.00000
-.148	-.166	.17390	.14830	.10660	.06470	-.10100	-.08610	.00280	-.00280	.00300	-.14010
-.065	3.852	.21020	.18430	.10310	.06030	-.13150	-.11660	-.07080	.04320	-.02750	3.84730
.040	5.747	.23320	.20520	.10580	.05920	-.15090	-.13470	-.11300	.07090	-.04480	5.72960
	GRADIENT	-.00032	-.00020	-.00022	.00004	.00027	.00022	-.01893	.01187	-.00783	.99211

RUN NO. 1709/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.114	-5.663	.40490	.37850	.09700	.05290	-.27370	-.25860	.09090	-.05800	.04360	-5.72000
3.838	-3.676	.38710	.36160	.09610	.05370	-.26040	-.24570	.05730	-.03620	.02770	-3.71650
3.948	.190	.36330	.33750	.10090	.05910	-.23820	-.22310	.00150	-.00220	.00100	.18570
3.794	3.983	.38720	.36160	.09800	.05590	-.25990	-.24510	-.05940	.03490	-.02530	4.00940
4.067	5.942	.40200	.37490	.09630	.05130	-.27280	-.25720	-.09440	.05850	-.04090	5.98600
	GRADIENT	-.00001	-.00002	.00025	.00029	.00008	.00010	-.01523	.00928	-.00692	1.00874

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M079) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1712/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.044	-6.082	-.11640	-.15210	.14340	.08400	.11660	.13710	.15700	-.09910	.05900	-5.87370
-8.351	-3.992	-.13180	-.16570	.14090	.08450	.12730	.14670	.09620	-.06060	.03740	-3.85100
-8.073	.181	-.14460	-.17850	.14320	.08730	.14000	.15960	-.00720	.00340	-.00010	.18650
-7.964	4.294	-.13360	-.16930	.14260	.08360	.12840	.14900	-.10650	.06540	-.03700	4.16590
-7.723	6.304	-.11770	-.15410	.14190	.08120	.11330	.13420	-.15970	.09920	-.05680	6.11090
	GRADIENT	-.00022	-.00044	.00021	-.00011	.00014	.00028	-.02446	.01521	-.00898	.96756

RUN NO. 1713/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-3.968	-6.181	.05880	.02420	.14080	.08320	-.01120	.00860	.13910	-.08660	.05990	-6.01740
-4.434	-4.136	.02540	-.00720	.13520	.08060	.01280	.03140	.09180	-.05740	.03980	-4.01770
-4.109	.181	.01270	-.01960	.13870	.08520	.02730	.04600	-.00060	-.00100	.00140	.18290
-3.975	4.319	.04250	.00860	.13620	.08000	.00030	.01980	-.08910	.05190	-.03700	4.20190
-3.615	6.286	.06870	.03400	.13970	.08220	-.02190	-.00190	-.13720	.08210	-.05780	6.12090
	GRADIENT	.00199	.00183	.00012	-.00006	-.00144	-.00134	-.02139	.01293	-.00908	.97210

RUN NO. 1714/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.096	-6.284	.22730	.19400	.13440	.07900	-.13320	-.11440	.12110	-.07450	.05900	-6.20350
-.009	-4.390	.21080	.17960	.13240	.08040	-.12070	-.10310	.08440	-.05210	.04290	-4.32580
-.035	-.236	.19370	.16240	.13400	.08260	-.10400	-.08620	.00620	-.00440	.00620	-.20780
.042	3.591	.21780	.18600	.13160	.07890	-.12460	-.10620	-.06870	.04160	-.03000	3.58580
.166	5.671	.23860	.20550	.13170	.07680	-.14330	-.12410	-.10960	.06660	-.04960	5.64960
	GRADIENT	.00084	.00073	-.00009	-.00018	-.00042	-.00033	-.01918	.01174	-.00913	.99130

RUN NO. 1715/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.196	-5.641	.40410	.37190	.12590	.07140	-.26160	-.24330	.09150	-.05630	.04750	-5.70820
3.909	-3.677	.38490	.35400	.12600	.07380	-.24740	-.22980	.06100	-.03840	.03190	-3.72790
4.074	.197	.37060	.33890	.13010	.07750	-.23220	-.21390	.00280	-.00340	.00280	.18660
3.757	3.956	.37750	.34640	.12440	.07290	-.24120	-.22320	-.06160	.03600	-.02740	3.98590
3.816	5.849	.39210	.36020	.12370	.07090	-.25470	-.23630	-.09380	.05530	-.04330	5.89320
	GRADIENT	-.00098	-.00101	-.00020	-.00011	.00083	.00088	-.01606	.00974	-.00777	1.01059

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M080) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1716/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.026	-6.188	-.12580	-.16440	.15380	.08960	.12810	.15030	.16100	-.10430	.06090	-5.97490
-8.462	-3.958	-.16310	-.20130	.15670	.09350	.15750	.17940	.09750	-.06370	.03810	-3.81550
-8.303	.348	-.17660	-.21370	.15770	.09630	.17100	.19240	-.01340	.00770	-.00250	.34560
-7.999	4.309	-.14620	-.18500	.15720	.09350	.14430	.16680	-.11400	.07300	-.04020	4.17290
-7.690	6.318	-.12430	-.16460	.15670	.08990	.12470	.14800	-.16890	.10810	-.06070	6.11430
	GRADIENT	.00197	.00190	.00006	.00001	-.00153	-.00146	-.02559	.01654	-.00947	.96635

RUN NO. 1717/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.176	-6.199	.04230	.00480	.15250	.09020	.00450	.02600	.14810	-.09570	.06340	-6.02850
-4.438	-4.148	.00840	-.02830	.15220	.09140	.03200	.05310	.09610	-.06320	.04200	-4.02860
-4.130	.181	.00050	-.03580	.15370	.09360	.04330	.06430	-.00340	.00100	-.00030	.18130
-4.006	4.324	.03360	-.00300	.15090	.09080	.01270	.03390	-.10000	.06270	-.04150	4.20320
-3.578	6.292	.06960	.03210	.15320	.09170	-.01770	.00400	-.14590	.09130	-.06190	6.12320
	GRADIENT	.00294	.00295	-.00015	-.00007	-.00224	-.00223	-.02315	.01486	-.00985	.97163

RUN NO. 1718/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.113	-6.279	.22800	.19180	.14850	.08830	-.13150	-.11070	.13240	-.08520	.06310	-6.20170
.008	-4.412	.21110	.17560	.14890	.08960	-.11800	-.09770	.09700	-.06430	.04660	-4.35190
-.058	-.144	.17830	.14300	.15200	.09350	-.08790	-.06770	.00650	-.00580	.00500	-.11860
.024	3.601	.20280	.16660	.15140	.09180	-.10850	-.08760	-.06730	.04050	-.03090	3.59540
.169	5.689	.22430	.18610	.15250	.08970	-.12740	-.10530	-.10390	.06740	-.05060	5.66790
	GRADIENT	-.00119	-.00127	.00032	.00029	.00132	.00139	-.02052	.01303	-.00966	.99183

RUN NO. 1719/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.196	-5.615	.38800	.35070	.14680	.08460	-.24390	-.22250	.09200	-.05800	.04890	-5.69120
3.889	-3.667	.36410	.32740	.14690	.08570	-.22580	-.20480	.05970	-.03810	.03360	-3.72320
4.060	.196	.35350	.31680	.15040	.08950	-.21380	-.19270	.00110	-.00230	.00180	.18680
3.768	3.949	.36650	.33060	.14720	.08770	-.22830	-.20760	-.06130	.03610	-.02950	3.98760
4.079	5.905	.38670	.34970	.14530	.08420	-.24620	-.22490	-.09430	.05660	-.04570	5.96380
	GRADIENT	.00030	.00040	.00004	.00027	-.00031	-.00035	-.01589	.00974	-.00815	1.01251

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M081) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1720/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.419	-6.247	-.12670	-.16210	.15310	.09440	.12920	.14950	.15630	-.10020	.06090	-6.01300
-8.359	-3.961	-.13920	-.17350	.15480	.09850	.14020	.16010	.09130	-.05830	.03630	-3.81710
-8.324	.355	-.15640	-.18900	.15300	.09920	.15440	.17330	-.00980	.00460	-.00150	.35340
-7.985	4.315	-.13210	-.16660	.15480	.09810	.13370	.15370	-.10240	.06350	-.03690	4.17940
-7.747	6.320	-.12040	-.15650	.15590	.09650	.12230	.14320	-.15620	.09840	-.05800	6.10840
	GRADIENT	.00079	.00077	-.00001	-.00005	-.00072	-.00072	-.02341	.01471	-.00884	.96622

RUN NO. 1721/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.183	-6.219	.05160	.01860	.15030	.09550	-.00390	.01510	.13720	-.08720	.06090	-6.04490
-4.405	-4.133	.03070	-.00220	.15050	.09600	.01310	.03210	.08940	-.05760	.04140	-4.00780
-4.126	.185	.02920	-.00220	.14900	.09720	.01710	.03520	.00010	-.00200	.00130	.18440
-3.982	4.310	.04480	.01160	.14940	.09500	.00280	.02210	-.08920	.05400	-.03860	4.18740
-3.599	6.304	.06790	.03370	.15140	.09550	-.01730	.00250	-.13580	.08340	-.05860	6.13460
	GRADIENT	.00165	.00162	-.00013	-.00012	-.00120	-.00117	-.02115	.01322	-.00947	.97064

RUN NO. 1722/ 0 RN/L = 3.43 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.121	-6.277	.23020	.19740	.14820	.09380	-.13410	-.11530	.12400	-.07900	.05980	-6.20110
.028	-4.410	.22160	.18980	.14830	.09550	-.12760	-.10930	.08840	-.05660	.04380	-4.34810
-.015	-.155	.20880	.17780	.14910	.09800	-.11500	-.09710	.00500	-.00450	.00460	- 12940
.069	3.601	.22820	.19680	.14690	.09520	-.13190	-.11360	-.06870	.04150	-.03050	3.59510
.200	5.683	.24410	.21220	.14580	.09360	-.14680	-.12530	-.10940	.06680	-.04950	5.66140
	GRADIENT	.00074	.00079	-.00017	-.00002	-.00046	-.00046	-.01961	.01227	-.00927	.99152

RUN NO. 1723/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.204	-5.630	.39090	.35390	.14280	.08960	-.25080	-.23240	.09350	-.05930	.04930	-5.70790
3.894	-3.652	.37130	.33970	.14350	.09110	-.23570	-.21770	.06310	-.04110	.03370	-3.71120
4.068	.198	.37060	.33930	.14540	.09370	-.23130	-.21330	.00500	-.00540	.00310	.18730
3.747	3.954	.38230	.35180	.14340	.09320	-.24450	-.22680	-.06280	.03710	-.02930	3.99010
4.058	5.906	.39840	.36720	.14050	.08930	-.25940	-.24130	-.09580	.05720	-.04520	5.96060
	GRADIENT	.00144	.00158	-.00001	.00028	-.00115	-.00119	-.01655	.01028	-.00828	1.01248

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (RBM082) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1724/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.127	-6.146	-.10200	-.13530	.15510	.09970	.10900	.12820	.15240	-.09860	.05910	-5.92020
-8.431	-3.962	-.12580	-.15680	.15380	.10320	.12790	.14590	.09310	-.05980	.03730	-3.80850
-8.299	.356	-.12750	-.15730	.15190	.10290	.13030	.14750	-.01320	.00870	-.00270	.35540
-7.997	4.324	-.10900	-.14070	.15310	.10130	.11370	.13220	-.10790	.06980	-.03840	4.18720
-7.766	6.322	-.10310	-.13490	.15200	.09970	.10590	.12440	-.16280	.10570	-.05830	6.11950
	GRADIENT	.00199	.00191	-.00009	-.00023	-.00168	-.00162	-.02426	.01564	-.00914	.96498

RUN NO. 1725/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.227	-6.196	.05820	.02800	.14850	.09850	-.01290	.00440	.14030	-.09000	.05980	-6.02360
-4.421	-4.154	.04050	.01030	.15090	.10170	.00230	.01990	.09030	-.05810	.03390	-4.03130
-4.124	.190	.04940	.02040	.15070	.10290	-.00260	.01420	-.00180	.00050	.00130	.19370
-4.002	4.336	.06510	.03510	.15040	.10150	-.01760	-.00010	-.09420	.05900	-.03700	4.22310
-3.593	6.278	.08110	.04800	.15010	.09580	-.03150	-.01230	-.14020	.08820	-.05630	6.11840
	GRADIENT	.00289	.00292	-.00006	-.00002	-.00233	-.00235	-.02173	.01379	-.00906	.97226

RUN NO. 1726/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.087	-6.291	.23740	.20810	.14860	.09990	-.14480	-.12790	.12520	-.07980	.05750	-6.21200
.021	-4.409	.23180	.20310	.14830	.10070	-.14030	-.12370	.08620	-.05540	.04120	-4.34600
.012	-.174	.22860	.20030	.15010	.10340	-.13590	-.11960	.00460	-.00420	.00450	-.14840
.074	3.586	.23640	.20770	.14950	.10240	-.14300	-.12640	-.06830	.04130	-.02900	3.57930
.138	5.683	.23700	.20840	.14640	.09950	-.14650	-.12990	-.11050	.06770	-.04750	5.65770
	GRADIENT	.00055	.00055	.00016	.00022	-.00031	-.00031	-.01932	.01210	-.00878	.99131

RUN NO. 1727/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
3.879	-3.613	.38280	.35370	.14620	.09810	-.24930	-.23250	.06160	-.03980	.03150	-3.66610
3.976	.206	.38000	.35110	.14890	.10130	-.24380	-.22710	-.00010	-.00110	.00190	.19600
3.792	3.954	.38140	.35240	.14630	.09870	-.24800	-.23120	-.06550	.03980	-.02900	3.98920
4.034	5.907	.39090	.36200	.14360	.09650	-.25750	-.24070	-.09940	.06080	-.04470	5.95860
	GRADIENT	-.00019	-.00017	.00002	.00008	.00018	.00018	-.01680	.01052	-.00799	1.01171

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M083) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1788/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.129	-7.959	-.00440	-.03070	.06720	.02470	-.00050	.01490	.19210	-.12340	.06120	-7.83800
-8.101	-3.864	-.02250	-.04620	.06900	.03080	.01430	.02830	.08590	-.05570	.02890	-3.80000
-8.138	.302	-.04400	-.06620	.06800	.03270	.03230	.04550	-.01390	.00890	-.00320	.29920
-7.668	4.208	-.01380	-.03760	.06880	.03040	.00750	.02150	-.09810	.06300	-.03050	4.14730
-7.595	8.106	-.00840	-.03500	.06480	.02210	-.00260	.01310	-.18880	.12200	-.05880	7.99430
	GRADIENT	.00101	.00100	-.00003	-.00004	-.00079	-.00079	-.02281	.01471	-.00736	.98451

RUN NO. 1789/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.220	-8.010	.11680	.09110	.06770	.02590	-.08360	-.06860	.17710	-.11550	.06010	-7.90810
-4.136	-3.940	.10000	.07740	.06960	.03300	-.07000	-.05670	.08470	-.05560	.02990	-3.88200
-3.986	.187	.08790	.06600	.06970	.03480	-.05830	-.04530	-.00480	.00270	-.00050	.18670
-3.869	4.168	.11730	.09400	.06960	.03200	-.08240	-.06870	-.08590	.05550	-.02920	4.11070
-3.789	8.175	.12350	.09730	.06600	.02360	-.09300	-.07760	-.17430	.11400	-.05920	8.07640
	GRADIENT	.00210	.00202	.00000	-.00012	-.00150	-.00145	-.02104	.01370	-.00729	.98573

RUN NO. 1790/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.066	-8.128	.25040	.22600	.08220	.08270	-.17610	-.16180	.16080	-.10580	.05990	-8.06190
-.102	-4.270	.23410	.21280	.06640	.03190	-.16300	-.15060	.08460	-.05500	.03290	-4.22020
-.187	-.042	.20870	.18800	.06650	.03340	-.14200	-.12970	.00260	-.00150	.00260	-.01420
-.136	3.798	.23190	.20990	.06670	.03150	-.16080	-.14780	-.07070	.04620	-.02440	3.80760
-.044	7.829	.24760	.22280	.06300	.02280	-.17750	-.16300	-.15130	.10040	-.05370	7.82060
	GRADIENT	-.00037	-.00045	.00004	-.00004	.00035	.00042	-.01925	.01255	-.00710	.99500

RUN NO. 1791/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.492	-7.720	.41190	.38830	.05020	.01180	-.28890	-.27510	.12770	-.08520	.05600	-7.77770
4.174	-3.822	.38950	.36780	.05470	.01970	-.27160	-.25890	.06210	-.04070	.02730	-3.85660
4.130	.194	.36570	.34490	.05740	.02400	-.25120	-.23890	-.00100	.00070	.00050	.19240
3.831	4.106	.37290	.35050	.05700	.02100	-.25950	-.24640	-.06390	.04190	-.02440	4.13140
3.876	7.963	.38530	.36100	.05270	.01340	-.27330	-.25940	-.13210	.08850	-.05200	8.00540
	GRADIENT	-.00211	-.00220	.00029	.00017	.00154	.00159	-.01589	.01042	-.00652	1.00756

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M083) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1792/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
8.217	-7.807	.52580	.50180	.03860	-.00020	-.36890	-.35470	.10840	-.07200	.05440	-7.93250
8.180	-3.768	.53080	.51110	.03970	.00800	-.37170	-.36010	.05180	-.03430	.02650	-3.83500
7.798	.157	.49440	.47490	.04260	.01130	-.34250	-.33100	-.00080	.00040	.00080	.15210
8.110	4.127	.52430	.50320	.04010	.00650	-.36630	-.35390	-.05250	.03460	-.02350	4.17920
7.914	7.991	.51600	.49190	.03850	-.00040	-.36480	-.35060	-.11000	.07370	-.04970	8.09430
	GRADIENT	-.00081	-.00099	.00005	-.00019	.00067	.00077	-.01321	.00873	-.00633	1.01520

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1793/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.254	-5.972	-.02720	-.05260	.07870	.03710	.02080	.03550	.14390	-.09310	.04780	-5.84800
-8.375	-3.879	-.04490	-.06890	.07970	.04040	.03470	.04860	.08870	-.05760	.03060	-3.79450
-8.271	.356	-.07110	-.09440	.07940	.04170	.05670	.07040	-.01130	.00640	-.00200	.25420
-8.003	4.260	-.03970	-.06380	.07780	.03850	.02950	.04360	-.09890	.06290	-.03090	4.18350
-7.764	6.239	-.02660	-.05270	.07620	.03390	.01660	.03170	-.14930	.09630	-.04740	6.12380
	GRADIENT	.00054	.00053	-.00023	-.00023	-.00056	-.00053	-.02306	.01481	-.00756	.98022

RUN NO. 1794/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.270	-6.118	.10650	.08190	.07670	.03630	-.07320	-.05890	.13840	-.09110	.04890	-6.01100
-4.328	-3.968	.09270	.06970	.07750	.03990	-.06240	-.04900	.08810	-.05800	.03200	-3.89530
-4.146	.198	.07010	.04850	.07810	.04330	-.04220	-.02950	-.00220	.00070	.00040	.19840
-3.923	4.259	.10530	.08230	.07580	.03820	-.07190	-.05840	-.08860	.05710	-.03070	4.18810
-3.635	6.217	.12620	.10160	.07440	.03430	-.08970	-.07530	-.13330	.08730	-.04660	6.12060
	GRADIENT	.00150	.00150	-.00021	-.00020	-.00113	-.00112	-.02148	.01399	-.00762	.98257

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1795/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.087	-6.223	.26150	.23810	.07140	.03320	-.18130	-.16770	.12470	-.08220	.04900	-6.15850
-.167	-4.392	.24470	.22220	.07260	.03570	-.16860	-.15560	.08590	-.05600	.03460	-4.33680
-.179	-.301	.21710	.19590	.07260	.03820	-.14540	-.13300	.00730	-.00470	.00440	-.27110
-.117	3.646	.24230	.22050	.07230	.03680	-.16590	-.15320	-.06890	.04460	-.02480	3.65040
-.009	5.709	.26290	.23960	.07050	.03240	-.18380	-.17020	-.11170	.07380	-.04110	5.70380
	GRADIENT	-.00034	-.00025	-.00004	.00014	.00037	.00033	-.01926	.01252	-.00739	.99373

RUN NO. 1796/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.180	-5.691	.42660	.40390	.06260	.02550	-.29840	-.28520	.09530	-.06300	.04400	-5.74660
3.888	-3.685	.40630	.38470	.06320	.02780	-.28330	-.27080	.06070	-.03990	.02860	-3.72580
4.047	.204	.38410	.36330	.06500	.03170	-.26350	-.25130	.00110	-.00110	.00160	.13960
3.769	4.003	.40390	.38210	.06430	.02880	-.28110	-.26840	-.06380	.04110	-.02530	4.03180
4.011	5.985	.41880	.39540	.06310	.02510	-.29350	-.27990	-.10030	.06660	-.03920	6.02500
	GRADIENT	-.00033	-.00036	.00014	.00013	.00030	.00033	-.01619	.01053	-.00701	1.00904

RUN NO. 1797/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.147	-5.673	.49090	.46850	.05920	.02250	-.34280	-.32980	.09100	-.06070	.04020	-5.74620
6.047	-3.712	.48180	.46040	.05960	.02470	-.33640	-.32400	.06040	-.04050	.02710	-3.76620
5.998	.214	.46450	.44430	.06030	.02770	-.32020	-.30830	-.00090	.00020	.00250	.20060
5.599	4.007	.46720	.44570	.06040	.02550	-.32480	-.31220	-.06330	.04120	-.02320	4.03700
5.850	5.968	.48260	.45990	.06000	.02270	-.33820	-.32480	-.09590	.06360	-.03650	6.01870
	GRADIENT	-.00191	-.00182	.00010	.00011	.00152	.00154	-.01602	.01058	-.00652	1.01095

1A105A, AEDC PWT-TF470, O T S W0/SILTS (R8M085) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1798/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.369	-6.030	-.06640	-.09400	.09890	.05320	.05760	.07360	.15460	-.10000	.05140	-5.88700
-8.340	-3.919	-.07760	-.10420	.09950	.05580	.06750	.08290	.09400	-.06060	.03230	-3.82290
-8.288	.315	-.10650	-.13170	.09800	.05700	.09140	.10600	-.01090	.00580	-.00140	.31620
-7.928	4.250	-.07630	-.10310	.09700	.05280	.06440	.07990	-.10210	.06390	-.03120	4.16700
-7.806	6.238	-.07110	-.09930	.09820	.05130	.05710	.07330	-.15280	.09740	-.04780	6.11340
	GRADIENT	.00007	.00005	-.00031	-.00036	-.00030	-.00029	-.02401	.01525	-.00778	.97801

RUN NO. 1799/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.211	-6.115	.08130	.05510	.09330	.04990	-.04730	-.03220	.14160	-.09280	.05130	-5.99970
-4.438	-4.086	.06180	.03690	.09220	.05110	-.03310	-.01860	.09200	-.06010	.03410	-4.00160
-4.147	.189	.03990	.01630	.09280	.05400	-.01310	.00060	-.00180	.00020	.00060	.18970
-3.981	4.287	.07350	.04820	.09150	.04980	-.04220	-.02760	-.09090	.05730	-.03180	4.20590
-3.657	6.236	.09220	.06590	.09050	.04700	-.05920	-.04390	-.13750	.08860	-.04890	6.12420
	GRADIENT	.00135	.00131	-.00008	-.00015	-.00105	-.00103	-.02184	.01402	-.00787	.98019

RUN NO. 1800/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.064	-6.244	.24790	.22230	.08640	.04400	-.16460	-.14980	.12610	-.08360	.05190	-6.17730
-.152	-4.404	.23460	.21030	.08690	.04680	-.15530	-.14130	.08820	-.05800	.03750	-4.34680
-.183	-.111	.20240	.18010	.08750	.05120	-.12840	-.11540	.00230	-.00170	.00260	-.09290
-.116	3.620	.23560	.21220	.08620	.04770	-.15520	-.14170	-.06880	.04400	-.02670	3.62110
-.014	5.700	.25260	.22810	.08500	.04420	-.17030	-.15610	-.11250	.07350	-.04390	5.68950
	GRADIENT	-.00007	.00006	-.00008	.00013	.00017	.00010	-.01958	.01272	-.00800	.99310

RUN NO. 1801/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.166	-5.675	.42130	.39720	.08130	.04170	-.29000	-.27600	.09730	-.06350	.04410	-5.72940
4.123	-3.709	.41460	.39110	.08120	.04270	-.28490	-.27130	.06540	-.04270	.03000	-3.75190
4.062	.201	.38140	.35890	.08230	.04610	-.25710	-.24390	.00210	-.00200	.00180	.19600
3.760	3.977	.40040	.37720	.08170	.04340	-.27440	-.26100	-.06540	.04180	-.02620	4.00600
4.024	5.974	.41620	.39100	.08100	.03950	-.28830	-.27370	-.10170	.06560	-.04100	6.01520
	GRADIENT	-.00189	-.00185	.00007	.00010	.00140	.00137	-.01701	.01099	-.00731	1.00936

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (R8M086) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1802/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.296	-6.001	-.08050	-.11140	.11900	.06770	.07540	.09300	.15600	-.10140	.05240	-5.84970
-8.353	-3.928	-.09320	-.12240	.11980	.07120	.08630	.10300	.09660	-.06240	.03380	-3.82250
-8.303	.333	-.12550	-.15380	.11700	.07050	.11270	.12910	-.01230	.00700	-.00190	.33360
-8.005	4.279	-.09700	-.12660	.11830	.06920	.08680	.10380	-.10890	.06900	-.03340	4.19000
-7.775	6.237	-.08190	-.11280	.11670	.06500	.07190	.08960	-.16030	.10360	-.05040	6.10480
	GRADIENT	-.00056	-.00060	-.00019	-.00024	.00014	.00018	-.02505	.01601	-.00819	.97629

RUN NO. 1803/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.233	-6.157	.06800	.03890	.11370	.06520	-.03190	-.01520	.14610	-.09520	.05330	-6.03230
-4.407	-4.087	.05370	.02610	.11130	.06590	-.02150	-.00570	.09480	-.06200	.03540	-3.99730
-4.122	.186	.03110	.00500	.11270	.06980	-.00030	.01490	.00040	-.00170	.00150	.18690
-3.963	4.263	.06200	.03370	.11300	.06600	-.02770	-.01150	-.09320	.05810	-.03290	4.17580
-3.657	6.258	.08750	.05400	.11190	.06280	-.04720	-.03030	-.13900	.08880	-.04990	6.13870
	GRADIENT	.00094	.00086	.00013	.00002	-.00070	-.00065	-.02251	.01438	-.00818	.97884

RUN NO. 1804/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.003	-6.253	.24200	.21400	.10660	.05980	-.15710	-.14110	.12420	-.08050	.05310	-6.18200
-.077	-4.405	.22860	.20190	.10660	.06180	-.14730	-.13200	.08710	-.05610	.03870	-4.34550
-.130	-.135	.18670	.16130	.10950	.06780	-.11210	-.09730	.00420	-.00350	.00350	-.10800
-.050	3.616	.22150	.19460	.10500	.06050	-.14150	-.12590	-.06560	.03990	-.02570	3.61310
.034	5.698	.24040	.21310	.10580	.06050	-.15820	-.14240	-.11060	.07000	-.04420	5.68250
	GRADIENT	-.00109	-.00111	-.00018	-.00013	.00090	.00093	-.01905	.01198	-.00803	.99224

RUN NO. 1805/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.170	-5.661	.41940	.39340	.10010	.05660	-.28580	-.27090	.09100	-.05730	.04430	-5.71900
3.873	-3.675	.39850	.37290	.09740	.05490	-.27080	-.25610	.05740	-.03590	.02940	-3.71680
4.062	.195	.38210	.35710	.10160	.06110	-.25430	-.23970	.00320	-.00290	.00200	.19040
3.743	3.969	.39710	.37140	.09950	.05710	-.26880	-.25400	-.05950	.03550	-.02510	3.99550
4.058	5.961	.41310	.38630	.09900	.05450	-.28230	-.26690	-.09370	.05810	-.04050	6.00530
	GRADIENT	-.00020	-.00021	.00028	.00029	.00028	.00029	-.01529	.00934	-.00700	1.00892

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M087) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1806/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.321	-6.097	-.11460	-.15110	.14420	.08360	.11320	.13410	.15710	-.09870	.05890	-5.88530
-8.347	-3.964	-.12340	-.15770	.14020	.08320	.11890	.13850	.09490	-.05940	.03700	-3.82310
-8.327	.330	-.15130	-.18560	.14660	.09000	.14440	.16420	-.01010	.00560	-.00120	.33210
-8.030	4.294	-.13010	-.16550	.14340	.08470	.12420	.14460	-.10610	.06540	-.03670	4.16810
-7.708	6.307	-.10730	-.14360	.14370	.08330	.10460	.12540	-.15950	.09920	-.05660	6.11610
	GRADIENT	-.00089	-.00102	.00040	.00020	.00072	.00081	-.02434	.01511	-.00892	.96773

RUN NO. 1807/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.185	-6.187	.06210	.02770	.14010	.08240	-.01600	.00370	.14080	-.08750	.06000	-6.01980
-4.454	-4.130	.03080	-.00240	.13830	.08270	.00780	.02680	.09240	-.05750	.04030	-4.00900
-4.130	.180	.01870	-.01390	.13860	.08480	.02110	.03990	.00060	-.00150	.00180	.18340
-3.976	4.297	.04940	.01610	.13800	.08270	-.00600	.01320	-.08800	.05160	-.03640	4.18230
-3.623	6.284	.07630	.04070	.14180	.08270	-.02850	-.00810	-.13670	.08210	-.05750	6.12050
	GRADIENT	.00217	.00216	-.00003	.00000	-.00160	-.00158	-.02141	.01295	-.00910	.97204

RUN NO. 1808/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.101	-6.281	.23420	.20000	.13720	.07990	-.13970	-.12010	.12270	-.07540	.05960	-6.19960
.026	-4.399	.22360	.19050	.13900	.08340	-.13020	-.11140	.08800	-.05460	.04490	-4.33430
-.014	-.156	.20160	.17120	.13420	.08370	-.11140	-.09390	.00470	-.00330	.00550	-.12730
.062	3.603	.22350	.19110	.13160	.07810	-.13020	-.11150	-.06720	.04080	-.02950	3.69930
.172	5.686	.24590	.21290	.13410	.07940	-.14970	-.13060	-.10970	.06720	-.04930	5.66590
	GRADIENT	-.00012	-.00002	-.00093	-.00065	.00009	.00008	-.01940	.01193	-.00930	.99144

RUN NO. 1809/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.190	-5.639	.41320	.38010	.12800	.07230	-.26980	-.25110	.09250	-.05680	.04760	-5.70470
3.873	-3.641	.39330	.36250	.12780	.07580	-.25530	-.23780	.06150	-.03660	.03170	-3.68970
4.055	.200	.37620	.34510	.13160	.08000	-.23770	-.21980	.00400	-.00380	.00340	.19000
3.757	3.963	.39110	.35920	.13010	.07740	-.25180	-.23350	-.06080	.03590	-.02670	3.99320
4.078	5.923	.41880	.38650	.13030	.07690	-.27470	-.25600	-.09230	.05450	-.04260	5.97110
	GRADIENT	-.00030	-.00045	.00030	.00021	.00047	.00058	-.01608	.00979	-.00768	1.01038

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M088) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1810/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-8.216	-6.066	-.12820	-.16670	.15530	.09150	.12840	.15040	.15900	-.10290	.05980	-5.85470
-8.376	-3.983	-.14950	-.18750	.15740	.09440	.14600	.16790	.09900	-.06450	.03870	-3.83880
-8.003	4.302	-.13920	-.17890	.15870	.09340	.13810	.16110	-.11210	.07190	-.03940	4.16830
-7.745	6.329	-.11920	-.15890	.15870	.09320	.11970	.14260	-.16770	.10740	-.06040	6.12490
	GRADIENT	.00124	.00104	.00016	-.00012	-.00095	-.00082	-.02548	.01646	-.00943	.96647

RUN NO. 1811/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-4.191	-6.199	.04790	.01020	.15340	.09080	-.00130	.02030	.14670	-.09480	.06280	-6.02950
-4.439	-4.139	.01620	-.02060	.15270	.09170	.02420	.04530	.09770	-.06430	.04240	-4.01930
-4.146	.185	.00630	-.03050	.15460	.09360	.03760	.05890	-.00280	.00100	.00050	.18570
-4.002	4.315	.04540	.00830	.15370	.09270	.00330	.02480	-.09780	.06140	-.04100	4.13500
-3.581	6.304	.07560	.03760	.15380	.09110	-.02330	-.00130	-.14510	.09110	-.06120	6.13770
	GRADIENT	.00341	.00337	.00012	.00012	-.00243	-.00238	-.02313	.01487	-.00986	.97165

RUN NO. 1812/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.124	-6.274	.23580	.19970	.15070	.09050	-.13860	-.11790	.13360	-.08600	.06320	-6.19670
.026	-4.391	.21930	.18380	.15000	.09080	-.12550	-.10520	.09670	-.06390	.04630	-4.33150
-.033	-.165	.18900	.15230	.15340	.09250	-.09770	-.07660	.01030	-.00860	.00610	-.13900
.047	3.598	.21170	.17560	.15250	.09290	-.11630	-.09540	-.06610	.04020	-.03030	3.53410
.143	5.690	.22620	.18820	.15460	.09200	-.12970	-.10770	-.10940	.06730	-.05030	5.06900
	GRADIENT	-.00108	-.00116	.00032	.00027	.00126	.00134	-.02038	.01303	-.00959	.99205

RUN NO. 1813/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
4.210	-5.637	.39320	.35570	.14840	.08600	-.24860	-.22710	.09140	-.05730	.04860	-5.71160
3.898	-3.651	.37300	.33650	.14860	.08770	-.23350	-.21260	.05920	-.03760	.03210	-3.70600
4.051	.198	.35520	.31830	.15240	.09100	-.21580	-.19460	.00200	-.00280	.00230	.18830
3.758	3.948	.37280	.33650	.14830	.08850	-.23400	-.21310	-.06200	.03710	-.02910	3.98570
4.083	5.916	.39210	.35490	.14670	.08550	-.25120	-.22970	-.09350	.05620	-.04470	5.97310
	GRADIENT	-.00005	-.00002	-.00004	.00011	-.00005	-.00005	-.01594	.00983	-.00805	1.01217

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M089) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1957/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.983	-89.944	.19140	.19350	.09590	.09960	-.11430	-.11550	-.12480	.08040	-.05110	6.26880
-5.991	.021	-.20990	-.20750	.11190	.11600	.18380	.18240	-.01290	.00760	-.00180	.19550
-5.998	90.006	.17460	.17690	.09760	.10150	-.09920	-.10050	.12950	-.08360	.05280	-6.28380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1958/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.001	-89.999	.13420	.13640	.09420	.09800	-.06470	-.06590	-.00330	.00120	-.00070	.28640
-.005	.007	.07920	.08140	.09910	.10280	-.02500	-.02620	.00210	-.00210	.00140	.19780
.009	90.019	.11340	.11550	.09790	.10150	-.04930	-.05050	.00710	-.00500	.00450	-.27640
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1959/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
5.991	-89.972	.18760	.18990	.09680	.10070	-.10820	-.10950	.10880	-.06930	.04610	-5.70630
6.011	.010	.38020	.38230	.08920	.09290	-.24080	-.24200	.00120	-.00120	.00120	.19870
6.007	90.019	.19020	.19240	.09850	.10230	-.11170	-.11290	-.11510	.07420	-.04520	5.72180
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (R8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1960/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.996	-89.917	.17980	.18210	.09640	.10030	-.10670	-.10800	-.12770	.08240	-.05210	6.28190
-5.992	.015	-.21460	-.21250	.11350	.11720	.18780	.18660	-.00780	.00510	-.00040	.19610
-6.000	90.006	.18370	.18590	.09900	.10270	-.10460	-.10580	.12820	-.08230	.05280	-6.28610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (R8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1961/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.001	-90.013	.13990	.14210	.09420	.09790	-.06860	-.06980	-.00340	.00130	-.00200	.28410
.001	.006	.08180	.08410	.09920	.10320	-.02670	-.02800	-.00520	.00280	-.00130	.19770
.010	90.019	.10550	.10790	.09890	.10290	-.04370	-.04510	.00480	-.00310	.00310	-.27560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	00000	.00000	.00000	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (R8M091) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1948/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.001	-89.972	.18190	.18370	.13520	.13840	-.09450	-.09650	-.12710	.07520	-.06070	6.29470
-6.014	-.281	-.28250	-.28040	.14810	.15160	-.09680	-.09400	-.00580	.00370	-.00030	-.00630
-5.998	90.073	.18450	.18660	.13710	.14060	-.09160	-.09270	.12790	-.07770	.06310	-6.29190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1949/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.001	-89.999	.14320	.14510	.13840	.14170	-.05430	-.05530	-.00820	.00270	-.00630	.29460
-.003	-.014	.06380	.06600	.14200	.14570	.00390	.00270	-.00510	.00290	-.00190	.19450
.010	90.046	.12850	.13070	.13870	.14230	-.04540	-.04650	.01450	-.00920	.00860	-.28340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1950/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.000	-89.985	.20500	.20700	.14190	.14530	-.10350	-.10470	.10090	-.06240	.05130	-5.70730
5.998	-.018	.38930	.39140	.13840	.14190	-.23320	-.23440	-.00280	.00000	-.00110	.19260
6.006	90.019	.15450	.15650	.14410	.14750	-.06930	-.07040	-.10630	.06410	-.05040	5.71280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M092) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1951/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-6.002	-89.972	.18500	.18710	.13820	.14180	-.09550	-.09670	-.12660	.07490	-.06200	6.29580
-6.005	-.017	-.28480	-.28280	.14900	.15250	.25720	.25600	-.01170	.00870	-.00210	.19640
-6.002	90.033	.17930	.18150	.13990	.14350	-.08720	-.08840	.13130	-.08050	.06380	-6.29570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1952/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.004	-90.013	.16010	.16210	.14180	.14530	-.06700	-.06810	-.01150	.00710	-.00480	.29740
.014	90.033	.11940	.12150	.14210	.14570	-.03820	-.03940	.01630	-.01220	.00800	-.27900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1953/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
5.996	-89.985	.19290	.19490	.14440	.14770	-.09330	-.09440	.10510	-.06550	.05320	-5.70310
6.008	.011	.39270	.39470	.14000	.14350	-.23550	-.23660	.00010	-.00110	.00070	.19560
6.036	89.979	.15450	.15650	.14680	.15030	-.06680	-.06790	-.11200	.06910	-.05210	5.74380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1954/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.998	-89.985	.20350	.20540	.14050	.14390	-.10770	-.10880	-.13120	.08140	-.06210	6.29190
-5.997	.006	-.28720	-.28510	.15310	.15650	.26150	.26030	-.01570	.01050	-.00350	.19380
-5.999	90.033	.16870	.17080	.14330	.14690	-.07860	-.07980	.13570	-.08650	.06420	-6.29280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WD/SILTS (R8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1955/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.004	-90.027	.14730	.14940	.14400	.14760	-.05590	-.05710	-.00640	.00380	-.00180	.29690
-.001	.006	.06610	.06810	.14750	.15090	.00670	.00560	-.00110	.00010	-.00020	.19440
.011	90.046	.11800	.12050	.14520	.14950	-.03480	-.03620	.01270	-.00970	.00650	-.28220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1956/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.000	-89.972	.18350	.18560	.14510	.14870	-.08640	-.08750	.10860	-.06860	.05370	-5.70740
5.993	-.004	.40090	.40290	.13830	.14170	-.24400	-.24510	.00100	-.00180	.00100	.19400
5.996	90.019	.16940	.17130	.14580	.14900	-.07810	-.07920	-.11220	.06980	-.05220	5.70290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WD/SILTS (R8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1945/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.963	-89.972	.17930	.18060	.14120	.14360	-.10500	-.10580	-.13320	.08320	-.05260	6.27950
-6.005	.077	-.22190	-.22040	.15420	.15680	.20640	.20560	-.00500	.00390	-.00060	.23810
-5.991	90.033	.19230	.19390	.14180	.14450	-.11130	-.11220	.13630	-.08730	.05740	-6.30770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1946/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
.004	-90.040	.18480	.18650	.14460	.14760	-.10520	-.10620	-.00650	.00270	-.00240	.31150
-.006	-.014	.12090	.12240	.14560	.14820	-.05690	-.05780	-.00400	.00250	-.00060	.24710
-.188	90.019	.16710	.16880	.14340	.14640	-.09230	-.09330	.01210	-.00690	.00710	-.50420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1947/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.003	-89.972	.21900	.22060	.14250	.14530	-.13140	-.13230	.11340	-.07280	.04820	-5.68820
8.002	.072	.41520	.41680	.13890	.14160	-.27030	-.27120	-.00440	.00210	-.00070	.25310
5.996	90.019	.15870	.16060	.14240	.14550	-.08840	-.08950	-.11760	.07430	-.04550	5.68080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M095) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 1.000

RUN NO. 2018/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.984	-89.984	.24670	.24430	.06800	.06420	-.17200	-.17060	-.12920	.08520	-.04880	6.25230
-6.007	.019	-.10440	-.10700	.07750	.07340	.08220	.08370	-.00350	.00360	-.00110	.20200
-6.006	90.011	.25800	.25530	.06920	.06500	-.17590	-.17430	.12950	-.08440	.04910	-6.27450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2019/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.001	-90.007	.21400	.21140	.07040	.06640	-.14070	-.13910	-.00340	.00220	-.00400	.26880
-.001	.038	.16310	.16050	.07400	.07000	-.10460	-.10300	-.00560	.00440	-.00300	.20390
-.187	90.159	.20150	.19890	.07070	.06670	-.13230	-.13080	.00700	-.00380	.00210	-.45550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2020/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.012	-89.980	.27650	.27380	.06780	.06370	-.18910	-.18750	.11330	-.07470	.04290	-5.74470
5.977	.014	.45670	.45420	.05700	.05310	-.31200	-.31050	-.00800	.00570	-.00190	.20540
6.008	90.025	.23400	.23140	.06990	.06580	-.16150	-.16000	-.11710	.07790	-.04340	5.74020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M096) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2021/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.997	-89.966	.26060	.25800	.06710	.06310	-.18110	-.17950	-.12210	.08080	-.04750	6.26570
-5.993	.008	-.09230	-.09520	.07660	.07200	.07340	.07520	-.01260	.00880	-.00390	.20320
-6.007	90.025	.24070	.23810	.06940	.06530	-.16420	-.16260	.12950	-.08480	.04800	-6.27570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2022/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.004	-89.994	.21750	.21490	.07050	.06640	-.14270	-.14120	-.00350	.00270	-.00210	.27260
.006	.020	.16330	.16070	.07390	.06980	-.10450	-.10290	.00000	.00040	-.00070	.20400
-.004	90.173	.19950	.19680	.07170	.06750	-.13000	-.12840	.00410	-.00180	.00160	-.27340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2023/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.014	-89.994	.25910	.25650	.06940	.06540	-.17670	-.17520	.11350	-.07450	.04310	-5.74570
5.976	-.012	.45230	.44960	.05740	.05330	-.30910	-.30750	-.00110	.00100	.00060	.20290
5.998	90.038	.26100	.25840	.06870	.06450	-.17990	-.17840	-.11370	.07560	-.04290	5.73010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (R8M097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2024/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.989	-89.966	.24650	.24420	.10290	.09920	-.16220	-.16070	-.12190	.07770	-.05090	6.27480
-6.014	-.197	-.16870	-.17100	.11770	.11400	.14730	.14870	-.01360	.00810	-.00270	.21930
-6.000	90.025	.22290	.22070	.10530	.10190	-.14110	-.13980	.12590	-.07990	.05050	6.28580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2025/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.002	-89.994	.19240	.19010	.10340	.09970	-.11440	-.11300	-.00260	.00110	-.00160	.28770
-.002	.001	.12960	.12720	.10800	.10420	-.06890	-.06740	.00340	-.00290	.00100	.19770
-.009	90.213	.17140	.16910	.10550	.10190	-.09920	-.09780	.00740	-.00500	.00370	-.29560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2026/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
5.996	-90.007	.24590	.24380	.10500	.10170	-.15750	-.15620	.10970	-.06980	.04570	-5.71100
5.987	-.011	.44720	.44490	.09800	.09430	-.29920	-.29780	.00170	-.00160	.00070	.19660
6.006	90.025	.24660	.24430	.10430	.10060	-.16060	-.15920	-.11100	.07070	-.04570	5.72080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M098) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 1.000

RUN NO. 1869/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.994	-100.027	.29560	.27010	.14560	.10300	-.19400	-.17950	-.12080	.07460	-.04950	6.17060
-5.973	-89.985	.22210	.19700	.14650	.10440	-.14130	-.12700	-.13030	.08070	-.05160	6.28870
-6.005	-60.074	.01140	-.01380	.14900	.10670	.01700	.03140	-.13850	.08940	-.04890	5.59740
-6.003	-30.094	-.13670	-.16170	.15470	.11260	.13380	.14810	-.09100	.06010	-.03070	3.37450
-6.003	-.006	-.18860	-.21370	.15900	.11690	.17700	.19130	-.00730	.00540	-.00080	.24600
-6.005	30.045	-.13460	-.15980	.15870	.11650	.13490	.14920	.08060	-.05290	.03070	-2.94690
-6.006	59.943	.01060	-.01460	.15480	.11250	.02290	.03730	.13540	-.08820	.05250	-5.34600
-5.992	90.033	.22140	.19630	.14850	.10640	-.13710	-.12280	.13640	-.09760	.05830	-6.30820
-6.071	100.095	.29930	.27410	.14790	.10570	-.19360	-.17930	.12520	-.08080	.05600	-6.33100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (R8M099) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 2.000

RUN NO. 1874/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.978	-99.959	.29500	.26940	.14610	.10310	-.19360	-.17900	-.11910	.07350	-.04940	5.15570
-6.002	-90.027	.22400	.19860	.14680	.10420	-.14260	-.12810	-.13040	.08080	-.05230	6.31700
-5.998	-60.179	.01550	-.00980	.14970	.10710	.01410	.02850	-.13600	.08770	-.04830	5.59730
-6.010	-30.084	-.13030	-.15570	.15560	.11300	.12930	.14380	-.09070	.06050	-.03030	3.37940
-6.008	-.029	-.18230	-.20780	.15940	.11670	.17240	.18690	-.00910	.00690	-.00140	.24960
-6.000	30.009	-.13600	-.16120	.15910	.11680	.13600	.15040	.07440	-.04800	.02830	-2.94140
-6.005	59.929	.00580	-.01970	.15540	.11270	.02700	.04150	.13180	-.08550	.05110	-5.34430
-5.991	90.100	.21400	.18870	.14900	.10640	-.13120	-.11680	.13430	-.08580	.05770	-6.30740
-5.994	99.929	.29060	.26500	.14790	.10500	-.18710	-.17250	.12290	-.07850	.05480	-6.25810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1870/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.002	-99.795	.23870	.21360	.15150	.10940	-.14890	-.13460	-.00500	.00150	-.00070	.27130
.006	-89.792	.22640	.20140	.15180	.10980	-.14000	-.12570	-.00570	.00210	-.00100	.31120
-.001	-59.810	.19760	.17230	.15180	.10940	-.11840	-.10400	-.00540	.00150	-.00140	.39820
-.001	-30.014	.17380	.14830	.15240	.10950	-.10030	-.08570	-.00540	.00200	-.00150	.37130
-.003	-.026	.15770	.13230	.15300	.11040	-.08770	-.07320	-.00710	.00380	-.00110	.24590
-.003	30.009	.15280	.12750	.15330	.11090	-.08400	-.06950	-.00480	.00250	.00060	.05360
-.000	60.043	.16210	.13630	.15280	.10960	-.09110	-.07640	.00170	-.00150	.00330	-.15060
-.002	90.006	.18780	.16250	.15200	.10940	-.11050	-.09610	.00650	-.00410	.00500	-.31740
.003	99.967	.20310	.17790	.15100	.10880	-.12230	-.10800	.00740	-.00480	.00550	-.35050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1875/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.006	-100.000	.19930	.17400	.14970	.10720	-.12120	-.10680	.11950	-.07760	.05070	-5.64680
5.999	-90.123	.25380	.22880	.14870	.10670	-.16180	-.14750	.11460	-.07410	.04970	-5.68470
6.010	-60.179	.36870	.34340	.14660	.10420	-.24410	-.22970	.08500	-.05480	.03360	-4.81630
6.008	-30.112	.42790	.40240	.14600	.10330	-.28510	-.27060	.04120	-.02680	.02090	-2.63970
5.996	-.186	.44690	.42160	.14730	.10480	-.29740	-.28290	.00030	-.00130	.00110	.22720
5.989	30.038	.42020	.39470	.14620	.10340	-.27860	-.26410	-.04610	.02850	-.01930	3.04960
5.999	60.029	.33960	.31450	.14760	.10540	-.22300	-.20870	-.08710	.05370	-.03590	5.04470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (R8M100) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 3.000

RUN NO. 1873/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-5.977	-99.945	.30100	.27530	.14590	.10290	-.19750	-.18290	-.11650	.07210	-.04820	6.15520
-6.002	-90.027	.22920	.20390	.14670	.10420	-.14630	-.13180	-.12820	.07980	-.05110	6.31760
-5.998	-60.186	.02740	.00200	.14930	.10670	.00530	.01970	-.13320	.08540	-.04780	5.59690
-6.014	-30.087	-.12120	-.14680	.15480	.11190	.12220	.13670	-.09110	.05970	-.03090	3.37980
-6.004	-.057	-.17830	-.20380	.15920	.11640	.16930	.18380	-.01300	.00860	-.00240	.25220
-6.003	29.994	-.13340	-.15890	.15880	.11610	.13350	.14810	.07020	-.04580	.02750	-2.94050
-5.998	59.972	.00560	-.02010	.15490	.11180	.02670	.04140	.13070	-.08520	.05060	-5.34070
-5.999	90.087	.20450	.17910	.14910	.10640	-.12420	-.10970	.13410	-.08570	.05710	-6.31500
-5.999	99.942	.27720	.25180	.14860	.10610	-.17670	-.16220	.12350	-.07860	.05480	-6.26100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1872/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
-.000	-99.809	.23850	.21350	.15130	.10940	-.14880	-.13460	-.00320	.00060	.00030	.26900
-.004	-89.779	.22330	.19980	.15140	.10860	-.13920	-.12460	-.00350	.00050	.00010	.32110
.001	-59.845	.19490	.16970	.15170	.10940	-.11640	-.10200	-.00440	.00120	-.00030	.39520
.001	-30.007	.17080	.14560	.15180	.10950	-.09820	-.08380	-.00350	.00100	.00010	.37000
-.000	.018	.15870	.13290	.15220	.10900	-.08890	-.07420	.00030	-.00160	.00160	.24670
-.001	30.038	.16070	.13530	.15240	.10960	-.09020	-.07570	-.00010	-.00060	.00230	.05490
-.000	60.058	.17230	.14690	.15240	.10970	-.09870	-.08420	.00230	-.00170	.00400	-.15090
-.000	90.006	.19580	.17080	.15160	.10960	-.11600	-.10180	.00560	-.00380	.00520	-.31540
.003	99.916	.20840	.18340	.15160	.10960	-.12540	-.11110	.00700	-.00500	.00550	-.37970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1871/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CN	CNF	CA	CAF	CLM	CLMF	CY	CYN	CBL	BETAS
6.003	-100.000	.18780	.16240	.15040	.10770	-.11260	-.09810	.12050	-.07880	.05040	-5.64430
5.997	-90.013	.24690	.22160	.14880	.10630	-.15660	-.14210	.11530	-.07440	.04970	-5.68220
6.006	-60.179	.36410	.33890	.14730	.10490	-.24080	-.22640	.08670	-.05600	.04030	-4.81160
6.007	-30.139	.42330	.39830	.14500	.10300	-.28270	-.26840	.04310	-.02830	.02250	-2.64040
6.006	-.089	.44240	.41690	.14680	.10400	-.29440	-.27990	.00230	-.00300	.00260	.23840
5.998	30.016	.42270	.39700	.14510	.10200	-.28080	-.26610	-.04390	.02650	-.01860	3.05240
6.001	59.957	.34720	.32200	.14630	.10400	-.22860	-.21420	-.08680	.05370	-.03620	5.04330
5.996	89.938	.21170	.18640	.14810	.10570	-.13190	-.11750	-.11520	.07190	-.04560	5.68110
5.998	99.891	.15760	.13240	.14880	.10640	-.09170	-.07730	-.11860	.07460	-.04540	5.55520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M001) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1770/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.335	-6.107	-.06210	.00010	-.01160	.06230	.08800	9.16004	-6.09059	-7.71550	48.99320	1.40310
-8.407	-3.968	-.05910	-.00080	-.01110	.06380	.07970	9.17513	-6.16694	-6.29720	37.45180	1.40050
-8.312	.383	-.04240	-.00590	-.00840	.06680	.06740	9.20533	-6.28007	-4.88140	-1.50000	1.40250
-8.048	4.365	-.03090	-.00920	-.00670	.06240	.05130	9.16104	-6.42815	-6.32840	-37.49670	1.40210
-7.669	6.335	-.02330	-.01000	-.00560	.05640	.04430	9.10068	-6.49254	-7.58750	-49.38350	1.40120
	GRADIENT	.00339	-.00101	.00053	-.00015	-.00340	-.00156	-.03127	.00134	-8.99406	.00020

RUN NO. 1771/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.251	-6.190	-.00790	.00730	-.00240	.04660	.07030	9.00202	-6.25339	-6.34140	66.99250	1.40280
-4.506	-4.154	-.00450	.00640	-.00190	.05000	.06200	9.03624	-6.32974	-4.62590	57.56060	1.40360
-4.126	.235	.03020	.00300	.00340	.05020	.03870	9.03825	-6.54405	-1.96100	.25250	1.40140
-4.009	4.338	.03550	-.00280	.00410	.04260	.02680	8.96176	-6.65350	-4.60670	-56.38350	1.40350
-3.618	6.313	.04430	-.00360	.00540	.03620	.02460	8.89735	-6.67373	-6.28320	-67.00800	1.40250
	GRADIENT	.00475	-.00108	.00071	-.00086	-.00416	-.00868	-.03825	.00928	-13.41347	-.00002

RUN NO. 1772/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.196	-6.340	.04570	.01470	.00660	.02900	.05450	8.82488	-6.39872	-5.93270	90.22120	1.40440
-.280	-4.441	.05680	.01480	.00840	.03480	.04380	8.88326	-6.49714	-4.05310	90.00570	1.40090
-.281	-.171	.08420	.01250	.01230	.03510	.02690	8.88627	-6.65258	.17370	89.93830	1.40250
-.250	3.566	.09850	.00800	.01420	.02820	.01890	8.81683	-6.72616	3.87140	88.92480	1.39920
-.185	5.665	.10470	.00590	.01500	.01840	.01670	8.71819	-6.74640	5.94950	89.93830	1.40150
	GRADIENT	.00524	-.00084	.00073	-.00080	-.00313	-.00808	-.02879	.98963	-.01024	-.00020

RUN NO. 1773/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.215	-5.620	.11350	.02410	.01770	.01680	.01990	8.70209	-6.71696	6.91300	-61.52270	1.40250
3.927	-3.617	.12460	.02440	.01940	.01980	.01460	8.73228	-6.76571	5.24590	-50.78360	1.40220
3.984	.250	.15110	.02370	.02280	.01710	.00530	8.70511	-6.85125	4.04270	-.09510	1.40440
3.690	3.971	.16450	.02010	.02450	.00270	.00260	8.56017	-6.87609	5.40550	48.91390	1.40130
4.001	5.946	.17590	.01930	.02620	-.00690	-.00010	8.47266	-6.90083	7.10120	59.79970	1.40470
	GRADIENT	.00527	-.00056	.00067	-.00224	-.00159	-.02258	-.01460	.01887	13.13916	-.00011

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M002) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 0.000 OB-ELV = -7.000

RUN NO. 1774/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.459	-6.025	-.04980	-.00050	-.00940	.06500	.06210	9.14259	-6.36778	-7.81640	47.82650	1.55460
-8.492	-3.927	-.04350	-.00120	-.00870	.06200	.05530	9.11445	-6.42606	-6.45680	36.57430	1.55180
-8.386	.458	-.03210	-.00630	-.00700	.05100	.04610	9.01129	-6.50490	-5.08620	-1.42730	1.54780
-7.998	4.430	-.02420	-.00890	-.00600	.04390	.03800	8.94471	-6.57432	-6.41260	-36.79970	1.55160
-7.688	6.456	-.01890	-.00970	-.00520	.03760	.03650	8.88562	-6.58718	-7.74050	-48.61730	1.55010
	GRADIENT	.00231	-.00093	.00032	-.00217	-.00207	-.02037	-.01775	.01059	-8.77862	-.00004

RUN NO. 1775/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.368	-6.207	.00360	.00580	-.00050	.04730	.04530	8.97659	-6.51176	-6.39060	66.52220	1.55280
-4.618	-4.129	.00590	.00400	-.00040	.04190	.03920	8.92595	-6.56404	-4.65920	56.81360	1.55070
-4.224	.312	.02590	-.00050	.00230	.02730	.02290	8.78903	-6.70374	-2.02280	.31340	1.55100
-3.957	4.440	.02920	-.00410	.00250	.01890	.01830	8.71025	-6.74316	-4.64100	-56.37650	1.54860
-3.571	6.374	.03710	-.00490	.00360	.00950	.01710	8.62209	-6.75345	-6.29820	-66.87400	1.55020
	GRADIENT	.00274	-.00095	.00034	-.00269	-.00245	-.02524	-.02104	.00957	-13.20267	-.00024

RUN NO. 1776/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.292	-6.383	.05390	.01270	.00790	.02680	.03410	8.78434	-6.60775	-5.92260	90.22120	1.54970
-.386	-4.487	.06260	.01240	.00900	.02540	.02300	8.77121	-6.70288	-4.03990	90.01910	1.55260
-.409	-.242	.07960	.00720	.01110	.01120	.01160	8.63804	-6.80058	.16620	89.92480	1.54930
-.387	3.497	.08780	.00310	.01130	-.00030	.00940	8.53056	-6.81944	3.87570	89.93830	1.55350
-.341	5.591	.09040	.00170	.01240	-.00550	.00730	8.48818	-6.83744	5.94730	89.93830	1.54980
	GRADIENT	.00318	-.00117	.00037	-.00322	-.00173	-.03017	-.01479	.99146	-.01039	.00009

RUN NO. 1777/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.229	-5.523	.11030	.02160	.01690	.01220	.00730	8.64741	-6.83744	6.97640	-60.48520	1.54810
3.904	-3.517	.12230	.02100	.01880	.00610	.00190	8.59021	-6.88372	5.32460	-49.67610	1.54940
3.901	.324	.14360	.01790	.02140	-.00640	-.00030	8.48085	-6.90231	4.16140	-.18280	1.55190
3.590	3.997	.15340	.01350	.02260	-.02230	-.00180	8.35128	-6.91385	5.50400	47.93450	1.55060
3.836	5.938	.15760	.01170	.02340	-.03170	-.00410	8.27468	-6.93154	7.15920	58.92450	1.55200
	GRADIENT	.00415	-.00100	.00051	-.00378	-.00049	-.03177	-.00402	.02137	12.98934	.00016

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M003) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1968/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-7.961	-6.067	.00000	.01020	.00000	.02690	.06480	8.82221	-1.19633	-7.65930	48.86210	1.15050
-8.146	-3.987	.00000	.00880	.00000	.03700	.06390	8.93080	-1.20517	-6.32110	37.32080	1.14960
-8.042	.183	.00000	.00650	.00000	.06810	.06380	9.26517	-1.20615	-4.85790	.15180	1.15010
-7.950	4.275	.00000	.00240	.00000	.08110	.06660	9.40494	-1.17864	-6.30530	-36.67560	1.14960
-7.725	6.307	.00000	-.00060	.00000	.08500	.06620	9.44687	-1.18257	-7.71130	-48.30520	1.15050
	GRADIENT	.00000	-.00077	.00000	.00534	.00033	.05746	.00320	-.00663	-8.95599	.00000

RUN NO. 1969/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.155	-6.189	.00000	.01050	.00000	.01350	.06340	8.67814	-1.21008	-6.37230	66.14290	1.15050
-4.169	-4.092	.00000	.01010	.00000	.02570	.06670	8.80931	-1.17766	-4.53170	57.68120	1.15020
-4.068	.185	.00000	.00770	.00000	.05780	.07060	9.15443	-1.13934	-2.02570	.30140	1.14950
-3.979	4.292	.00000	.00140	.00000	.07290	.05280	9.31677	-1.31423	-4.63070	-55.49340	1.14990
-3.375	6.260	.00000	-.00230	.00000	.07390	.03800	9.32753	-1.45964	-6.28400	-66.11160	1.15020
	GRADIENT	.00000	-.00103	.00000	.00564	-.00164	.06067	-.01611	-.00767	-13.49814	-.00004

RUN NO. 1970/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.001	-6.345	.00000	.01040	.00000	.00480	.06460	8.58461	-1.19829	-5.96570	90.21320	1.14970
-.093	-4.413	.00000	.01060	.00000	.01840	.06760	8.73082	-1.16882	-4.05140	90.01110	1.14960
-.144	-.097	.00000	.00780	.00000	.05030	.04950	9.07379	-1.34665	.22570	89.95720	1.15030
-.049	3.601	.00000	.00260	.00000	.05980	.02650	9.17593	-1.57263	3.88940	89.95720	1.15020
.050	5.694	.00000	-.00120	.00000	.06060	.01240	9.16453	-1.71117	5.96410	89.94370	1.14980
	GRADIENT	.00000	-.00099	.00000	.00523	-.00510	.05620	-.05013	.99085	-.00689	.00008

RUN NO. 1971/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.229	-5.657	.00000	.00890	.00000	-.00130	.04390	8.52086	-1.40167	6.93550	-61.37780	1.15000
3.914	-3.669	.00000	.00800	.00000	.00790	.03720	8.61794	-1.46750	5.25930	-50.85470	1.14920
4.077	.195	.00000	.00570	.00000	.03260	.01610	8.88349	-1.67481	4.09250	-.12120	1.14890
3.797	3.977	.00000	.00160	.00000	.03920	-.00480	8.95445	-1.87533	5.43740	49.19340	1.15060
4.081	5.941	.00000	-.00110	.00000	.03620	-.01450	8.92220	-1.96087	7.11250	60.06360	1.15070
	GRADIENT	.00000	-.00084	.00000	.00410	-.00549	.04410	-.05334	.02213	13.08451	.00018

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M004) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1972/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.311	-6.089	.00000	.01100	.00000	.04430	.06150	8.96306	-1.28740	-7.78620	48.02670	1.25020
-8.340	-3.947	.00000	.00940	.00000	.05210	.06090	9.03878	-1.29272	-6.34420	36.69510	1.25050
-8.272	.369	.00000	.00380	.00000	.07110	.06100	9.22322	-1.29184	-4.97000	-1.73360	1.24960
-8.000	4.309	.00000	-.00300	.00000	.07400	.04910	9.25138	-1.39741	-6.38030	-36.89870	1.24880
-7.687	6.296	.00000	-.00670	.00000	.07270	.03960	9.23876	-1.48169	-7.64230	-48.66740	1.25030
	GRADIENT	.00000	-.00150	.00000	.00268	-.00141	.02602	-.01248	.00074	-8.91437	-.00021

RUN NO. 1973/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.209	-6.192	.00000	.00930	.00000	.02890	.06260	8.81356	-1.27764	-6.38230	66.00030	1.24980
-4.411	-4.134	.00000	.00820	.00000	.03910	.06060	8.91258	-1.29538	-4.64690	56.48880	1.24950
-4.072	.193	.00000	.00210	.00000	.06100	.04550	9.12518	-1.42934	-2.01130	.25330	1.25090
-3.985	4.306	.00000	-.00540	.00000	.06170	.02130	9.13197	-1.64404	-4.62970	-55.76500	1.24950
-3.579	6.251	.00000	-.00930	.00000	.05970	.01270	9.11256	-1.72033	-6.25990	-66.36220	1.24990
	GRADIENT	.00000	-.00161	.00000	.00270	-.00465	.02619	-.04122	.00730	-13.29727	.00000

RUN NO. 1974/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.005	-6.354	.00000	.00760	.00000	.01580	.04950	8.68638	-1.39386	-5.96870	90.19970	1.25060
-.093	-4.422	.00000	.00670	.00000	.02720	.04290	8.79705	-1.45241	-4.05490	90.03800	1.24970
-.083	-.160	.00000	.00260	.00000	.05260	.02240	9.04363	-1.63428	.16690	89.94370	1.24940
-.023	3.578	.00000	-.00370	.00000	.05290	.00400	9.04654	-1.79751	3.87050	89.97060	1.25110
.045	5.687	.00000	-.00730	.00000	.04740	-.00400	8.99315	-1.86485	5.95970	89.94370	1.24870
	GRADIENT	.00000	-.00129	.00000	.00328	-.00486	.03180	-.04312	.99060	-.00874	.00017

RUN NO. 1975/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.226	-5.658	.00000	.00610	.00000	.01100	.01820	8.63979	-1.67154	6.93100	-61.46140	1.24970
3.910	-3.655	.00000	.00490	.00000	.01930	.01080	8.72036	-1.73719	5.24180	-50.92430	1.24980
4.076	.203	.00000	.00170	.00000	.03810	-.00610	8.90287	-1.88157	4.07200	-.15690	1.24960
3.768	3.979	.00000	-.00360	.00000	.03310	-.01910	8.85433	-1.98509	5.41010	49.48140	1.25030
4.072	5.946	.00000	-.00650	.00000	.02240	-.02460	8.75045	-2.02888	7.10470	60.13530	1.25090
	GRADIENT	.00000	-.00111	.00000	.00182	-.00392	.01766	-.03249	.02089	13.15264	.00007

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M005) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1976/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.264	-6.050	.00000	.00730	.00000	.06010	.05890	9.13789	-1.29125	-7.65530	48.94850	1.39880
-8.413	-3.928	.00000	.00580	.00000	.06110	.05340	9.14796	-1.34184	-6.27600	37.24890	1.40060
-8.273	.410	.00000	-.00200	.00000	.06470	.03550	9.18419	-1.50648	-4.86100	-1.72920	1.40080
-7.951	4.328	.00000	-.00690	.00000	.06070	.01980	9.14393	-1.65088	-6.27900	-37.43540	1.39930
-7.714	6.335	.00000	-.00880	.00000	.05610	.01460	9.09764	-1.69871	-7.60630	-49.16900	1.40030
	GRADIENT	.00000	-.00154	.00000	-.00003	-.00407	-.00033	-.03744	.00547	-9.04484	-.00015

RUN NO. 1977/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.284	-6.182	.00000	.00610	.00000	.04670	.04200	9.00303	-1.44669	-6.34520	66.81300	1.39950
-4.467	-4.119	.00000	.00420	.00000	.04820	.03400	9.01812	-1.52027	-4.58930	57.56630	1.39860
-4.104	.232	.00000	-.00480	.00000	.04920	.01340	9.02819	-1.70975	-1.94690	.37720	1.39980
-4.008	4.339	.00000	-.01100	.00000	.04300	-.00160	8.96579	-1.84621	-4.61760	-56.19680	1.40020
-3.575	6.282	.00000	-.01330	.00000	.03520	-.00410	8.88728	-1.86685	-6.25790	-66.82150	1.40050
	GRADIENT	.00000	-.00180	.00000	-.00061	-.00421	-.00610	-.03859	.00270	-13.44747	.00019

RUN NO. 1978/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.152	-6.382	.00000	.00470	.00000	.02690	.02520	8.80374	-1.60122	-5.97470	90.25350	1.39980
-.271	-4.437	.00000	.00300	.00000	.03180	.01730	8.85306	-1.67388	-4.04830	90.02460	1.40030
-.250	-.186	.00000	-.00360	.00000	.03310	.00130	8.86615	-1.82104	.15830	89.94370	1.40020
-.195	3.568	.00000	-.01070	.00000	.02340	-.00930	8.76852	-1.90978	3.87430	89.95720	1.39950
-.145	5.675	.00000	-.01350	.00000	.01530	-.01180	8.68699	-1.93041	5.95970	89.94370	1.40320
	GRADIENT	.00000	-.00171	.00000	-.00102	-.00333	-.01026	-.02958	.98971	-.00865	-.00010

RUN NO. 1979/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.247	-5.640	.00000	.00310	.00000	.01710	-.00290	8.70511	-1.85694	6.92880	-61.58670	1.39990
3.908	-3.625	.00000	.00150	.00000	.02000	-.00770	8.73430	-1.89657	5.22980	-51.10540	1.40090
4.065	.239	.00000	-.00360	.00000	.01760	-.01790	8.71014	-1.98077	4.08610	-.20540	1.40070
3.723	4.002	.00000	-.00960	.00000	-.00070	-.02380	8.52688	-2.02948	5.42870	49.19340	1.39890
4.020	5.965	.00000	-.01230	.00000	-.00940	-.02700	8.45079	-2.05590	7.11590	59.96320	1.40020
	GRADIENT	.00000	-.00145	.00000	-.00270	-.00211	-.02710	-.01745	.02462	13.15145	-.00026

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M006) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1980/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.422	-5.989	.00000	.00490	.00000	.06430	.03850	9.13602	-1.50304	-7.79920	47.65220	1.54990
-8.510	-3.882	.00000	.00350	.00000	.06090	.03310	9.10414	-1.54932	-6.43650	36.28520	1.55090
-8.339	.483	.00000	-.00380	.00000	.04990	.01780	9.00098	-1.68045	-5.04660	-1.64750	1.54990
-7.996	4.424	.00000	-.00730	.00000	.04250	.00940	8.93158	-1.75244	-6.42150	-36.65470	1.55080
-7.654	6.404	.00000	-.00890	.00000	.03660	.00750	8.87624	-1.76872	-7.69130	-48.45850	1.55040
	GRADIENT	.00000	-.00131	.00000	-.00222	-.00286	-.02083	-.02455	.00746	-8.77975	-.00002

RUN NO. 1981/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.377	-6.173	.00000	.00290	.00000	.04660	.02320	8.97003	-1.63417	-6.36230	66.42810	1.54770
-4.584	-4.124	.00000	.00070	.00000	.04050	.01590	8.91282	-1.69673	-4.64690	56.96300	1.54830
-4.170	.307	.00000	-.00740	.00000	.02710	-.00080	8.78715	-1.83915	-1.99050	.41340	1.54820
-3.971	4.417	.00000	-.01120	.00000	.01680	-.00970	8.69055	-1.90762	-4.63270	-55.96000	1.55040
-3.577	6.361	.00000	-.01320	.00000	.00830	-.01130	8.61084	-1.91992	-6.28800	-66.59880	1.54910
	GRADIENT	.00000	-.00140	.00000	-.00278	-.00301	-.02605	-.02479	.00947	-13.21480	.00024

RUN NO. 1982/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.315	-6.481	.00000	.00210	.00000	.02790	.00820	8.79465	-1.76272	-6.01890	90.02460	1.55120
-.385	-4.482	.00000	.00010	.00000	.02470	.00010	8.76464	-1.83214	-4.03720	90.02460	1.54960
-.406	-.274	.00000	-.00770	.00000	.01080	-.01140	8.63429	-1.92069	.13540	89.95720	1.55070
-.368	3.558	.00000	-.01340	.00000	-.00160	-.01770	8.51996	-1.96915	3.93300	89.93020	1.54980
-.317	5.623	.00000	-.01530	.00000	-.00710	-.02070	8.47514	-1.99223	5.98060	89.90320	1.55030
	GRADIENT	.00000	-.00168	.00000	-.00327	-.00222	-.03044	-.01711	.99138	-.01181	.00003

RUN NO. 1983/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.257	-5.552	.00000	.00130	.00000	.01190	-.01250	8.64460	-1.92915	7.00000	-60.63980	1.54910
4.126	-3.566	.00000	-.00120	.00000	.00630	-.01960	8.59208	-1.98377	5.47900	-48.63960	1.55120
3.894	.324	.00000	-.00830	.00000	-.00730	-.02390	8.47351	-2.01685	4.13680	-.14630	1.54980
3.691	4.025	.00000	-.01420	.00000	-.02460	-.02820	8.33254	-2.04992	5.57100	47.59460	1.54940
3.723	5.889	.00000	-.01650	.00000	-.03160	-.03050	8.27549	-2.06761	7.05900	59.57590	1.55030
	GRADIENT	.00000	-.00171	.00000	-.00407	-.00113	-.03416	-.00871	.00909	12.67496	-.00024

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M007) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1880/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-8.000	-.01850	-.01033	-.00293	.01426	.00848	9.61956	4.81403	-9.89307	52.17256	.60124
-8.000	-4.000	-.02477	-.01039	-.00407	.01872	.00961	8.64664	4.82029	-7.10065	34.10745	.60276
-8.000	.000	-.02924	-.01187	-.00483	.02922	.01110	8.71034	4.82857	-5.76677	-.24301	.60232
-8.000	4.000	-.03415	-.01416	-.00534	.03556	.01178	8.74883	4.83235	-6.84586	-26.31906	.60326
-8.000	8.000	-.04015	-.01634	-.00575	.03952	.01224	8.77284	4.83490	-9.59912	-47.14448	.60082
	GRADIENT	-.00117	-.00047	-.00016	.00210	.00027	.01277	.00151	.03185	-7.55331	.00006

RUN NO. 1881/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-8.000	.02106	-.00044	.00372	.01187	.00821	8.60504	4.81254	-8.52350	71.63342	.60227
-4.000	-4.000	.02012	.00078	.00336	.01524	.00942	8.62550	4.81925	-4.81292	56.84465	.60144
-4.000	.000	.02047	.00109	.00347	.02751	.01035	8.69998	4.82442	-2.37472	3.13708	.60178
-4.000	4.000	.02072	.00046	.00386	.03305	.01004	8.73361	4.82268	-4.81777	-54.74512	.60191
-4.000	8.000	.02060	-.00003	.00447	.03599	.00961	8.75141	4.82030	-8.89262	-74.14391	.60200
	GRADIENT	.00008	-.00004	.00006	.00223	.00008	.01351	.00043	-.00061	-13.94872	.00006

RUN NO. 1882/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-8.000	.06263	.00996	.01042	.01023	.00527	8.59506	4.79624	-7.36381	86.59712	.60172
.000	-4.000	.06774	.01252	.01103	.01292	.00644	8.61139	4.80272	-3.44655	86.00902	.60003
.000	.000	.06972	.01383	.01130	.02509	.00650	8.68530	4.80304	.44036	89.95394	.60213
.000	4.000	.07807	.01566	.01281	.03101	.00565	8.72119	4.79835	4.62796	95.35132	.60131
.000	8.000	.08256	.01662	.01410	.03404	.00449	8.73957	4.79191	8.72550	94.96654	.59983
	GRADIENT	.00129	.00039	.00022	.00226	-.00010	.01373	-.00055	1.00931	1.16779	.00016

RUN NO. 1883/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-8.000	.10734	.02117	.01770	.00905	.00178	8.58790	4.77686	8.31697	-60.08258	.60296
4.000	-4.000	.12350	.02640	.02034	.01285	.00264	8.61097	4.78163	5.54546	-43.33409	.60088
4.000	.000	.13195	.02932	.02150	.02634	.00197	8.69284	4.77793	4.36789	-.10032	.60032
4.000	4.000	.14153	.03148	.02341	.03026	.00003	8.71663	4.76719	5.89847	44.60759	.59788
4.000	8.000	.14685	.03267	.02494	.03172	-.00326	8.72553	4.75075	8.89386	63.15813	.60513
	GRADIENT	.00225	.00063	.00038	.00218	-.00033	.01321	-.00181	.04413	10.99271	-.00037

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M007) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1884/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
8.000	-8.000	.14809	.03060	.02472	.00671	-.00341	8.57370	4.75002	11.33747	-53.92286	.59974
8.000	-4.000	.16851	.03657	.02846	.01280	-.00535	8.61068	4.74037	8.76161	-32.26480	.60197
8.000	.000	.18262	.04134	.03058	.02266	-.00713	8.67053	4.73151	7.79099	.44306	.60261
8.000	4.000	.19785	.04509	.03349	.02591	-.01030	8.69026	4.71572	8.66966	26.49808	.60137
8.000	8.000	.21062	.04779	.03626	.02822	-.01397	8.70424	4.69745	10.93840	46.44480	.60153
	GRADIENT	.00367	.00107	.00063	.00164	-.00062	.00995	-.00308	-.01149	7.34536	-.00008

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M008) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1896/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.01836	-.01103	-.00308	.00051	.00059	8.53686	4.77107	-8.03376	45.24173	.79986
-8.000	.000	-.03058	-.01264	-.00489	.02183	.00504	8.69848	4.80189	-5.34074	1.06770	.79970
-8.000	6.000	-.03296	-.01468	-.00497	.03822	.00663	8.82266	4.81293	-7.77895	-39.59255	.79932
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1887/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	.02725	.00017	.00436	.00182	.00124	8.54677	4.77559	-6.49799	67.38363	.79995
-4.000	.000	.02520	.00162	.00404	.02282	.00464	8.70595	4.79912	-2.17124	5.98135	.80035
-4.000	6.000	.03074	.00201	.00533	.03597	.00496	8.80564	4.80139	-7.00935	-73.34698	.80058
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1888/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.07659	.01234	.01205	.00605	.00248	8.57884	4.78420	-5.40065	87.29439	.79927
.000	.000	.08080	.01623	.01273	.02430	.00470	8.71714	4.79957	.52321	89.23250	.80111
.000	6.000	.09676	.01967	.01548	.03491	.00338	8.79759	4.79042	6.71322	94.73939	.80102
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M008) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1889/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.12989	.02511	.02085	.00768	.00063	8.59120	4.77135	6.90089	-57.53054	.80184
4.000	.000	.14593	.03159	.02359	.02782	.00242	8.74386	4.78377	4.24755	-1.56604	.79954
4.000	6.000	.16839	.03695	.02757	.03562	-.00152	8.80296	4.75757	7.27141	58.16936	.79960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1890/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
6.000	-6.000	.15433	.03056	.02514	.00752	-.00234	8.58999	4.75242	8.49639	-55.23296	.79986
6.000	.000	.17662	.03877	.02871	.02476	-.00192	8.72064	4.75505	5.85428	-2.34525	.79897
6.000	6.000	.19509	.04329	.03136	.03374	-.01212	8.78871	4.69166	8.29164	47.66389	.80001
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M009) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1893/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-4.000	-.03160	-.01024	-.00571	-.00749	-.00407	8.47977	4.73966	-6.60042	36.32597	.89978
-8.000	.000	-.04159	-.01108	-.00691	.02076	-.00364	8.70291	4.74259	-5.18468	1.56021	.89961
-8.000	4.000	-.03810	-.01249	-.00623	.03058	.00002	8.78325	4.76713	-6.57436	-32.79085	.89855
	GRADIENT	-.00081	-.00028	-.00007	.00476	.00051	.03793	.00343	.00326	-8.63960	-.00015

RUN NO. 1894/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-6.000	-4.000	-.00866	-.00454	-.00195	-.00416	-.00106	8.50344	4.75987	-5.45579	45.43058	.89947
-6.000	.000	-.01334	-.00410	-.00231	.02440	-.00199	8.73264	4.75362	-3.62661	2.38653	.90241
-6.000	4.000	-.00857	-.00456	-.00143	.03347	-.00032	8.80690	4.76485	-5.47149	-41.82793	.89895
	GRADIENT	.00001	-.00000	.00007	.00470	.00009	.03793	.00062	-.00196	-10.90731	-.00006

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M009) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1895/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-4.000	.01646	.00093	.00219	-.00329	.00197	8.50958	4.78173	-4.49081	55.80001	.89856
-4.000	.000	.01760	.00292	.00275	.02700	.00085	8.75398	4.77339	-2.07389	1.60050	.90003
-4.000	4.000	.02595	.00370	.00410	.03424	.00169	8.81320	4.77964	-4.39519	-50.43619	.89637
	GRADIENT	.00119	.00035	.00024	.00469	-.00003	.03795	-.00026	.01195	-13.27953	-.00027

RUN NO. 1896/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-2.000	-4.000	.04375	.00707	.00654	-.00298	.00488	8.51178	4.80347	-4.05028	75.44053	.89993
-2.000	.000	.04836	.01019	.00784	.02923	.00528	8.77218	4.80647	-.54769	12.50669	.89924
-2.000	4.000	.05984	.01179	.00976	.03493	.00701	8.81888	4.81939	-4.69966	-85.89211	.89966
	GRADIENT	.00201	.00059	.00040	.00474	.00027	.03839	.00199	-.08117	-20.16658	-.00003

RUN NO. 1897/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-4.000	.07237	.01360	.01116	-.00226	.00708	8.51692	4.81996	-3.28176	83.37227	.89686
.000	.000	.07866	.01768	.01231	.02713	.00875	8.75501	4.83211	.54248	87.10062	.89923
.000	4.000	.09675	.02059	.01497	.03813	.01072	8.84506	4.84715	5.06307	103.75099	.90161
	GRADIENT	.00305	.00087	.00048	.00505	.00045	.04102	.00340	1.04310	2.54734	.00059

RUN NO. 1898/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
2.000	-4.000	.10848	.02083	.01711	-.01043	.00823	8.45886	4.82857	4.04670	-57.62283	.89844
2.000	.000	.11767	.02564	.01859	.03122	.00924	8.78847	4.83611	2.71354	-11.33137	.90079
2.000	4.000	.13558	.02923	.02105	.04077	.00857	8.86667	4.83106	4.46077	57.59942	.89967
	GRADIENT	.00339	.00105	.00049	.00640	.00004	.05098	.00031	.05176	14.40278	.00015

RUN NO. 1899/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-4.000	.13664	.02635	.02154	-.01093	.00877	8.45528	4.83259	5.50163	-49.97951	.89963
4.000	.000	.14987	.03175	.02349	.03040	.00794	8.78178	4.82639	4.20775	-3.53229	.90080
4.000	4.000	.16841	.03553	.02624	.03949	.00300	8.85616	4.78945	5.82432	48.02202	.90010
	GRADIENT	.00397	.00115	.00059	.00630	-.00072	.05011	-.00539	.04034	12.25019	.00006

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M010) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1901/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.03345	-.00829	-.00621	-.02299	.00014	8.36374	4.76809	-7.84282	46.46131	.94724
-8.000	-4.000	-.03546	-.00913	-.00638	-.02083	.00394	8.37965	4.79750	-6.50378	35.64232	.94803
-8.000	.000	-.04204	-.01041	-.00698	.00093	.00686	8.54085	4.82015	-5.11233	1.01247	.94932
-8.000	4.000	-.03980	-.01226	-.00634	.00287	.00776	8.55734	4.82711	-6.49493	-34.29360	.94591
-8.000	6.000	-.03662	-.01274	-.00581	.00733	.00776	8.59509	4.82711	-7.59078	-40.91791	.94860
	GRADIENT	-.00054	-.00039	.00000	.00296	.00048	.02221	.00370	.00111	-8.74199	-.00027

RUN NO. 1902/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	.01282	.00076	.00186	-.01749	.00329	8.40422	4.79248	-6.37525	67.18207	.94982
-4.000	-4.000	.01321	.00094	.00188	-.01370	.00778	8.43216	4.82727	-4.63776	59.67019	.94789
-4.000	.000	.01545	.00308	.00258	.01278	.01042	8.64130	4.84768	-2.06112	6.06321	.94926
-4.000	4.000	.02674	.00391	.00462	.02197	.00981	8.71912	4.84296	-4.44650	-53.66781	.94766
-4.000	6.000	.03200	.00386	.00560	.02393	.00970	8.73574	4.84207	-6.82748	-72.43225	.94769
	GRADIENT	.00169	.00037	.00034	.00446	.00025	.03587	.00196	.02391	-14.16725	-.00003

RUN NO. 1903/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.06378	.01096	.01012	-.01334	.00289	8.43483	4.78939	-5.60257	89.78258	.94994
.000	-4.000	.06735	.01204	.01075	-.01254	.00721	8.44071	4.82284	-3.52982	88.67677	.94805
.000	.000	.07590	.01574	.01248	.01192	.01014	8.63399	4.84550	.47886	90.75428	.94859
.000	4.000	.09907	.01932	.01604	.02089	.00886	8.70996	4.83557	4.56115	93.43338	.94883
.000	6.000	.10782	.02076	.01728	.02794	.00965	8.70968	4.84168	6.57678	93.38242	.94932
	GRADIENT	.00397	.00091	.00066	.00418	.00021	.03366	.00159	1.01137	.59458	.00010

RUN NO. 1904/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.12250	.02127	.02023	-.01181	-.00182	8.44608	4.75436	6.53322	-53.62783	.94747
4.000	-4.000	.13170	.02386	.02161	-.01516	-.00038	8.42141	4.76433	5.36103	-45.95740	.94673
4.000	.000	.15002	.02970	.02405	.00909	-.00202	8.60999	4.75297	4.17691	-1.07136	.94832
4.000	4.000	.17390	.03403	.02721	.01888	-.01048	8.69291	4.69418	5.47014	41.14310	.94674
4.000	6.000	.18165	.03490	.02834	.02632	-.01645	8.75596	4.65272	7.30816	60.63516	.94958
	GRADIENT	.00528	.00127	.00070	.00425	-.00126	.03394	-.00877	.01364	10.88756	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M011) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1907/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-4.000	-.05870	-.00822	-.00926	.00095	.01698	8.54148	4.90595	-6.34262	36.70836	1.04604
-8.000	.000	-.05340	-.00772	-.00834	.03702	.01858	8.86446	4.91902	-4.63519	1.45546	1.04693
-8.000	4.000	-.04348	-.00958	-.00664	.04632	.01840	8.94768	4.91752	-6.29501	-34.05265	1.05143
	GRADIENT	.00190	-.00017	.00033	.00567	.00018	.05077	.00145	.00595	-8.84513	.00067

RUN NO. 1908/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-6.000	-4.000	-.03228	-.00313	-.00495	-.00393	.01727	8.50246	4.90832	-5.29655	46.19977	1.04714
-6.000	.000	-.02048	-.00140	-.00290	.02888	.01978	8.79152	4.92882	-3.41323	2.22989	1.04814
-6.000	4.000	-.00737	-.00189	-.00081	.04129	.02234	8.90262	4.94975	-5.24455	-41.70862	1.04951
	GRADIENT	.00311	.00016	.00052	.00565	.00063	.05002	.00518	.00650	-10.98855	.00030

RUN NO. 1909/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-4.000	-.00399	.00227	-.00041	-.00703	.01818	8.47835	4.91574	-4.40096	56.40920	1.04986
-4.000	.000	.01161	.00577	.00233	.02675	.02108	8.77251	4.93949	-1.91103	1.34755	1.04665
-4.000	4.000	.03068	.00633	.00541	.03773	.02292	8.87080	4.95449	-4.27755	-50.79365	1.04911
	GRADIENT	.00433	.00051	.00073	.00559	.00059	.04906	.00484	.01543	-13.40036	-.00009

RUN NO. 1910/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-2.000	-4.000	.02464	.00797	.00429	-.00520	.01937	8.49252	4.92545	-4.07611	76.33312	1.04850
-2.000	.000	.04660	.01267	.00811	.02013	.02191	8.71321	4.94622	-.48436	8.45071	1.04926
-2.000	4.000	.07121	.01382	.01205	.02919	.01768	8.79434	4.91164	-3.94507	-70.61847	1.04898
	GRADIENT	.00582	.00073	.00097	.00430	-.00021	.03773	-.00173	.01638	-18.36895	.00006

RUN NO. 1911/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-4.000	.05545	.01427	.00926	-.00578	.01814	8.48807	4.91538	-3.65052	90.24077	1.04881
.000	.000	.07924	.01897	.01326	.01220	.01894	8.64225	4.92199	.41621	88.99229	1.05082
.000	4.000	.11185	.02028	.01856	.02141	.00788	8.72465	4.83149	4.52360	94.04112	1.05515
	GRADIENT	.00705	.00075	.00116	.00340	-.00128	.02957	-.01049	1.02176	.47504	.00079

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M011) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1912/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
2.000	-4.000	.09958	.02154	.01664	-.01258	.01249	8.43510	4.86922	3.88737	-57.31769	1.04588
2.000	.000	.12395	02428	.02093	.01041	.00969	8.62617	4.84626	2.60667	-10.08373	1.05092
2.000	4.000	.15246	.02633	.02501	.01424	-.00446	8.66045	4.73422	4.48236	62.35142	1.05023
	GRADIENT	.00661	.00060	.00105	.00335	-.00212	.02817	-.01688	.07437	14.95864	.00054

RUN NO. 1913/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-4.000	.13090	.02585	.02194	-.01423	.00417	8.42229	4.80111	5.33487	-49.97281	1.05342
4.000	.000	.15713	.02971	.02600	.00531	-.00329	8.58053	4.74282	4.07729	-3.67466	1.04660
4.000	4.000	.18657	.03234	.03003	.01165	-.01797	8.63733	4.63506	5.67539	48.94737	1.05437
	GRADIENT	.00696	.00081	.00101	.00324	-.00277	.02688	-.02076	.04257	12.36502	.00012

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M012) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1914/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.06451	-.00657	-.01023	.00721	.01741	8.59934	4.91334	-7.56506	47.59826	1.09922
-8.000	-4.000	-.06524	-.00726	-.01018	.01950	.01723	8.71237	4.91189	-6.18092	36.91693	1.09681
-8.000	.000	-.05479	-.00757	-.00850	.05483	.01852	9.03738	4.92268	-4.73203	1.22094	1.09654
-8.000	4.000	-.04556	-.00997	-.00676	.07066	.01821	9.18306	4.92012	-6.21728	-35.73357	1.09721
-8.000	6.000	-.03980	-.01041	-.00602	.07741	.01952	9.24512	4.93114	-7.28793	-41.39976	1.09533
	GRADIENT	.00246	-.00034	.00043	.00640	.00012	.05884	.00103	-.00454	-9.08131	.00005

1A105A, AEDC PWT-TF470, O T S W/SILTS (S8M012) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1915/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	-.01025	.00280	-.00136	-.00198	.01761	8.51719	4.91501	-6.28055	67.35019	1.10119
-4.000	-4.000	-.00771	.00345	-.00085	.00907	.01997	8.61642	4.93493	-4.55141	60.82834	1.10089
-4.000	.000	.01204	.00631	.00233	.04723	.02295	8.96755	4.95992	-1.90238	5.44577	1.09853
-4.000	4.000	.03970	.00609	.00695	.05965	.02464	9.08180	4.97412	-4.25081	-52.14540	1.09710
-4.000	6.000	.05214	.00505	.00930	.06230	.01448	9.10618	4.88870	-6.84558	-74.48946	1.10149
	GRADIENT	.00593	.00033	.00097	.00632	.00058	.05817	.00490	.03758	-14.12172	-.00047

RUN NO. 1916/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.04603	.01325	.00770	-.00028	.01920	8.53079	4.92840	-5.76692	91.40734	1.10363
.000	-4.000	.05655	.01519	.00965	.00474	.02369	8.57657	4.96614	-3.64735	90.05925	1.09833
.000	.000	.08247	.01909	.01424	.03504	.01597	8.85537	4.90125	.40488	90.18401	1.09970
.000	4.000	.11823	.01898	.01987	.04922	.00179	8.98585	4.78203	4.39407	91.35016	1.09828
.000	6.000	.13295	.01863	.02213	.05165	-.00594	9.00819	4.72218	6.21820	89.35007	1.09509
	GRADIENT	.00771	.00047	.00128	.00556	-.00274	.05116	-.02301	1.00518	.16136	-.00001

RUN NO. 1941/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.10932	.02392	.01851	-.00610	.00933	8.48426	4.84546	5.62056	-41.39130	1.09814
4.000	-4.000	.12582	.02635	.02129	-.00002	.00712	8.53286	4.82685	5.67397	-56.62770	1.09862
4.000	.000	.15490	.02905	.02587	.02826	-.00646	8.79295	4.71825	4.10248	-8.18068	1.09850
4.000	4.000	.18661	.03002	.03043	.02694	-.02479	8.78082	4.57992	5.49555	44.41650	1.09580
4.000	6.000	.20061	.03102	.03277	.02920	-.03216	8.80168	4.52429	7.02186	58.75403	1.09945
	GRADIENT	.00760	.00046	.00114	.00337	-.00399	.03099	-.03087	-.02230	12.63052	-.00035

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M013) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1918/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.06367	-.00491	-.01017	.01737	.01635	8.71974	4.92762	-7.54088	47.78529	1.14953
-8.000	-4.000	-.06068	-.00541	-.00948	.02929	.01851	8.84791	4.94891	-6.14022	37.01892	1.14966
-8.000	.000	-.05606	-.00740	-.00883	.06314	.01806	9.21180	4.94445	-4.66063	1.05110	1.15297
-8.000	4.000	-.04664	-.01062	-.00732	.07615	.01958	9.35171	4.95941	-6.15324	-35.53797	1.14698
-8.000	6.000	-.03670	-.01166	-.00569	.08039	.02070	9.39729	4.97038	-7.29389	-42.60979	1.15030
	GRADIENT	.00176	-.00065	.00027	.00586	.00013	.06297	.00131	-.00163	-9.06961	-.00033

RUN NO. 1919/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	-.01007	.00395	-.00117	.00592	.06609	8.59661	5.41634	-6.28543	67.51303	1.15187
-4.000	-4.000	-.00110	.00553	.00016	.01861	.04229	8.73307	5.18248	-4.55404	60.53739	1.14834
-4.000	.000	.01881	.00654	.00371	.05588	.02670	9.13376	5.02932	-1.90323	5.47131	1.15156
-4.000	4.000	.04181	.00307	.00758	.06591	.01342	9.24165	4.89885	-4.26051	-52.54028	1.15340
-4.000	6.000	.05365	.00096	.00960	.07007	.00475	9.28634	4.81371	-6.76307	-73.65154	1.14951
	GRADIENT	.00536	-.00031	.00093	.00591	-.00361	.06357	-.03545	.03669	-14.13471	.00063

RUN NO. 1920/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.05018	.01346	.00882	.00086	.01894	8.54229	4.95312	-5.81148	91.88606	1.15186
.000	-4.000	.06329	.01613	.01091	.01153	.02045	8.65691	4.96797	-3.70907	90.76219	1.14754
.000	.000	.09605	.01743	.01650	.04723	.00592	9.04080	4.82519	.37371	90.16527	1.15315
.000	4.000	.12397	.01814	.02075	.05998	-.01199	9.17788	4.66123	4.32355	90.40688	1.14872
.000	6.000	.13849	.01711	.02289	.05589	-.02134	9.13386	4.57884	6.10297	88.07102	1.14970
	GRADIENT	.00759	.00025	.00123	.00606	-.00406	.06512	-.03834	1.00408	-.04441	.00015

RUN NO. 1921/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.10926	.02302	.01884	-.00540	.00096	8.48256	4.77647	6.10651	-49.53745	1.15423
4.000	-4.000	.12727	.02559	.02176	.00394	-.00007	8.57537	4.76642	5.71176	-58.40549	1.14845
4.000	.000	.15848	.02859	.02647	.03223	-.01894	8.87956	4.59994	3.99967	-1.70559	1.15160
4.000	4.000	.19230	.02971	.03122	.03215	-.03227	8.87861	4.48241	5.38326	43.66446	1.15024
4.000	6.000	.20184	.02888	.03251	.03349	-.04095	8.89307	4.40584	7.23809	62.31251	1.15310
	GRADIENT	.00813	.00051	.00118	.00353	-.00403	.03791	-.03550	-.04106	12.75874	.00022

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M014) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1923/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-4.000	-.05474	-.00284	-.00907	.04988	.01929	9.01718	4.93817	-6.18461	38.07498	1.24846
-8.000	.000	-.03631	-.00555	-.00582	.06623	.01795	9.17592	4.92622	-4.73433	1.72090	1.24815
-8.000	4.000	-.02687	-.01063	-.00400	.07171	.00982	9.22915	4.85416	-6.15574	-34.40604	1.24788
	GRADIENT	.00348	-.00097	.00063	.00273	-.00118	.02650	-.01050	.00361	-9.06013	-.00007

RUN NO. 1924/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-6.000	-4.000	-.02430	.00141	-.00384	.04367	.01987	8.95690	4.94332	-5.22144	46.69039	1.24957
-6.000	.000	-.00062	-.00062	.00029	.06233	.01266	9.13806	4.87930	-3.35797	2.50863	1.25379
-6.000	4.000	.01178	-.00586	.00231	.06738	-.00173	9.18713	4.75323	-5.14761	-41.75947	1.24989
	GRADIENT	.00451	-.00091	.00077	.00296	-.00270	.02878	-.02376	.00923	-11.05623	.00004

RUN NO. 1925/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-4.000	.00793	.00581	.00184	.03756	.01759	8.89760	4.92304	-4.33393	55.78569	1.25095
-4.000	.000	.03600	.00476	.00662	.05848	.00577	9.10076	4.81816	-1.93364	1.66060	1.24778
-4.000	4.000	.05204	-.00006	.00903	.06168	-.01255	9.13182	4.66704	-4.31345	-52.05204	1.25285
	GRADIENT	.00551	-.00073	.00090	.00302	-.00377	.02928	-.03200	.00256	-13.47972	.00024

RUN NO. 1926/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-2.000	-4.000	.04075	.01009	.00740	.03165	.01102	8.81021	4.86479	-4.10369	77.17760	1.25071
-2.000	.000	.07206	.00966	.01267	.05301	-.00362	9.04758	4.73818	-.52744	9.18494	1.24859
-2.000	4.000	.09075	.00611	.01541	.05526	-.02216	9.06942	4.59058	-3.95438	-70.07471	1.24768
	GRADIENT	.00625	-.00050	.00100	.00295	-.00415	.02865	-.03428	.01866	-18.40654	-.00038

RUN NO. 1927/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-4.000	.07361	.01453	.01282	.02532	.00147	8.77880	4.78003	-3.66744	90.62387	1.24863
.000	.000	.10369	.01539	.01755	.05107	-.01436	9.02877	4.65268	.36896	89.88406	1.25098
.000	4.000	.12779	.01259	.02090	.05007	-.03085	9.01904	4.52138	4.41895	92.19759	1.24935
	GRADIENT	.00677	-.00024	.00101	.00309	-.00404	.03003	-.03233	1.01080	.19672	.00009

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M014) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1928/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
2.000	-4.000	.10937	.02076	.01879	.02272	-.00955	8.75360	4.69095	3.92012	-60.20079	1.25039
2.000	.000	.13506	.02113	.02243	.04469	-.02517	8.96688	4.56661	2.46280	1.02639	1.25217
2.000	4.000	.16250	.01953	.02622	.04085	-.03908	8.92952	4.45582	4.43646	62.83313	1.25273
	GRADIENT	.00664	-.00015	.00093	.00227	-.00369	.02199	-.02939	.06454	15.37924	.00029

RUN NO. 1929/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-4.000	.13582	.02493	.02299	.01573	-.02124	8.68569	4.59787	5.38698	-53.22430	1.24846
4.000	.000	.16480	.02641	.02703	.03627	-.03588	8.88514	4.48131	3.98799	-3.50406	1.25013
4.000	4.000	.19070	.02508	.03051	.03022	-.04712	8.82633	4.39179	5.64471	49.52617	1.24889
	GRADIENT	.00686	.00002	.00094	.00181	-.00324	.01758	-.02576	.03222	12.84381	.00005

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M015) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1931/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.04226	-.00297	-.00670	.05721	.02227	9.10884	4.97180	-7.47163	49.11883	1.40299
-8.000	-4.000	-.04032	-.00359	-.00642	.05888	.01574	9.12561	4.91174	-6.05698	38.03155	1.40014
-8.000	.000	-.02792	-.00815	-.00453	.06294	.00043	9.16651	4.77100	-4.59727	1.35691	1.40438
-8.000	4.000	-.02260	-.01274	-.00371	.06186	-.01168	9.15560	4.67055	-6.05717	-35.11873	1.40090
-8.000	6.000	-.02105	-.01420	-.00365	.06009	-.01597	9.13783	4.63515	-7.17381	-42.19165	1.40030
	GRADIENT	.00222	-.00114	.00034	.00037	-.00343	.00375	-.03015	-.00002	-9.14379	.00010

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (S8M015) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1932/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	.00945	.00455	.00217	.04402	.00407	8.97605	4.80444	-6.26987	69.23494	1.40349
-4.000	-4.000	.01727	.00419	.00330	.04626	-.00365	8.99862	4.73688	-4.51012	62.29816	1.40346
-4.000	.000	.04089	-.00012	.00703	.04972	-.01977	9.03346	4.60380	-1.85707	6.74975	1.40380
-4.000	4.000	.04486	-.00620	.00741	.04422	-.03215	8.97802	4.50161	-4.19234	-52.26710	1.40085
-4.000	6.000	.04732	-.00789	.00775	.03841	-.03569	8.91963	4.47237	-6.82103	-75.11502	1.40072
	GRADIENT	.00345	-.00130	.00051	-.00026	-.00356	-.00257	-.02941	.03972	-14.32066	-.00033

RUN NO. 1933/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.06636	.01220	.01166	.02628	-.01010	8.79748	4.68364	-5.49311	89.09210	1.40164
.000	-4.000	.07860	.01277	.01349	.03136	-.01641	8.84868	4.63152	-3.46919	88.26745	1.40299
.000	.000	.10171	.00982	.01682	.03069	-.03187	8.84187	4.50388	.46984	90.46260	1.40071
.000	4.000	.11507	.00431	.01846	.02274	-.04203	8.76192	4.42002	4.62707	94.02035	1.40042
.000	6.000	.12151	.00242	.01919	.01419	-.04434	8.67579	4.40097	6.66044	94.21296	1.40035
	GRADIENT	.00456	-.00106	.00062	-.00108	-.00320	-.01084	-.02644	1.01203	.71911	-.00032

RUN NO. 1934/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.12276	.02105	.02050	.01545	-.02957	8.68850	4.52286	6.10420	-49.71513	1.39872
4.000	-4.000	.13037	.02216	.02265	.02014	-.03490	8.73571	4.47889	5.65715	-57.84724	1.39766
4.000	.000	.16337	.02080	.02613	.01677	-.04625	8.70183	4.38522	4.01458	-4.01380	1.39997
4.000	4.000	.18402	.01768	.02885	-.00311	-.05347	8.50582	4.32562	5.34137	41.51158	1.39811
4.000	6.000	.18805	.01563	.02952	-.00816	-.05619	8.40165	4.30310	7.16925	60.31242	1.39946
	GRADIENT	.00596	-.00056	.00078	-.00291	-.00232	-.02874	-.01916	-.03947	12.41985	.00006

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M016) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1936/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.02950	-.00301	-.00489	.06094	.00759	9.10454	4.83201	-7.54723	48.48173	1.54964
-8.000	-4.000	-.02510	-.00320	-.00437	.05979	.00133	9.09374	4.77836	-6.15384	37.61470	1.54925
-8.000	.000	-.01624	-.00783	-.00319	.05187	-.01070	9.01942	4.68472	-4.75504	-.38226	1.54842
-8.000	4.000	-.01379	-.01156	-.00297	.04526	-.01904	8.95746	4.62052	-5.95095	-29.27753	1.54762
-8.000	6.000	-.01308	-.01306	-.00297	.04211	-.02146	8.92794	4.60194	-7.17965	-40.32954	1.54878
	GRADIENT	.00141	-.00105	.00018	-.00182	-.00255	-.01704	-.01973	.02536	-8.36153	-.00020

RUN NO. 1937/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	.02050	.00338	.00365	.04543	-.00897	8.95906	4.69802	-6.28984	70.00239	1.55028
-4.000	-4.000	.02760	.00219	.00439	.03991	-.01663	8.90726	4.63910	-4.53638	63.31561	1.55135
-4.000	.000	.03742	-.00274	.00573	.03018	-.02918	8.81607	4.54256	-1.87577	9.91122	1.54987
-4.000	4.000	.03579	-.00720	.00498	.02087	-.03843	8.72874	4.47136	-4.18488	-51.70745	1.54872
-4.000	6.000	.03674	-.00846	.00495	.01593	-.04046	8.68235	4.45580	-6.82537	-75.07903	1.54866
	GRADIENT	.00102	-.00117	.00005	-.00238	-.00273	-.02231	-.02097	.04394	-14.37788	-.00033

RUN NO. 1938/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.07114	.01064	.01196	.02760	-.02305	8.79187	4.58970	-5.20931	87.08137	1.54908
.000	-4.000	.08219	.01046	.01355	.02319	-.02964	8.75048	4.53902	-3.20967	86.06365	1.54939
.000	.000	.09942	.00527	.01571	.00913	-.04185	8.61858	4.44507	.66788	90.55523	1.55120
.000	4.000	.10715	.00064	.01640	-.00329	-.04824	8.50615	4.39590	4.90739	96.49369	1.55083
.000	6.000	.10980	-.00093	.01675	-.00799	-.05111	8.46792	4.37385	7.15547	98.83667	1.55070
	GRADIENT	.00312	-.00123	.00036	-.00331	-.00233	-.03054	-.01789	1.01463	1.30376	.00018

RUN NO. 1939/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.11715	.01893	.01924	.01278	-.03389	8.65285	4.50634	6.11677	-47.27892	1.54997
4.000	-4.000	.13127	.01934	.02142	.01060	-.04160	8.63237	4.44703	5.76089	-56.07057	1.55053
4.000	.000	.15586	.01565	.02450	-.00573	-.04978	8.48631	4.38406	4.19814	-8.27803	1.55101
4.000	4.000	.17389	.01164	.02692	-.02391	-.05582	8.33818	4.33760	5.35618	37.07218	1.55040
4.000	6.000	.17353	.00919	.02703	-.03162	-.05747	8.27533	4.32489	7.09892	55.67515	1.55080
	GRADIENT	.00533	-.00096	.00069	-.00431	-.00178	-.03677	-.01368	-.05059	11.64284	-.00002

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M017) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1733/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.221	-7.919	-.01190	-.01170	-.00150	.01210	.00000	8.60644	8.91700	-10.01940	51.33310	.59920
-8.052	-3.861	-.01530	-.01110	-.00210	.01710	.00170	8.63678	8.92643	-7.12320	33.11000	.60060
-8.155	.330	-.02000	-.01290	-.00290	.02870	.00320	8.70718	8.93475	-6.01210	-1.19500	.59960
-7.913	4.171	-.01470	-.01240	-.00160	.03150	.00360	8.72418	8.93697	-7.19530	-32.53230	.60150
-7.605	8.101	-.01200	-.01310	-.00050	.03350	.00360	8.73631	8.93697	-9.84560	-52.06530	.59930
	GRADIENT	.00006	-.00017	.00006	.00181	.00024	.01097	.00132	-.00482	-8.17309	.00011

RUN NO. 1734/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.195	-8.049	.02920	-.00160	.00520	.00950	.00040	8.59066	8.91922	-8.45490	68.78580	.60060
-4.150	-3.936	.03060	.00000	.00520	.01400	.00130	8.61797	8.92421	-4.78140	54.07470	.60090
-3.991	.187	.03580	.00140	.00600	.02580	.00170	8.68958	8.92643	-2.44990	.23490	.59970
-3.852	4.174	.04600	.00350	.00810	.02890	.00110	8.70840	8.92310	-4.84910	-53.11000	.60020
-3.795	8.170	.04750	.00260	.00920	.03070	.00060	8.71932	8.92033	-8.45090	-68.48310	.59960
	GRADIENT	.00190	.00043	.00036	.00184	-.00002	.01118	-.00013	-.00507	-13.21431	-.00009

RUN NO. 1735/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.154	-8.107	.07270	.00900	.01210	.00820	-.00180	8.58277	8.90804	-7.88540	90.16730	.59930
-.265	-4.269	.07590	.01090	.01250	.01090	-.00090	8.59915	8.91252	-4.06480	89.96520	.60090
-.249	-.051	.08320	.01360	.01360	.02260	-.00060	8.67016	8.91401	.13100	89.97870	.60080
-.210	3.799	.09210	.01560	.01530	.02690	-.00140	8.69626	8.91003	3.96240	89.99220	.60170
-.129	7.818	.09960	.01680	.01720	.02930	-.00250	8.71082	8.90456	7.96280	89.93830	.60150
	GRADIENT	.00200	.00058	.00035	.00200	-.00006	.01211	-.00030	.99494	.00334	.00010

RUN NO. 1736/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.482	-7.702	.12690	.02190	.02140	.00590	-.00930	8.56881	8.87070	8.87930	-64.04290	.59920
4.158	-3.819	.13640	.02520	.02310	.01030	-.00740	8.59551	8.88016	5.72870	-45.71240	.59940
4.112	.193	.14730	.02890	.02460	.02210	-.00760	8.66713	8.87917	4.44470	-.05180	.59990
3.848	4.108	.15490	.03080	.02610	.02560	-.00870	8.68837	8.87369	5.75170	45.55060	.59910
3.871	7.972	.16250	.03240	.02800	.02690	-.01050	8.69626	8.86473	8.89070	65.26680	.60210
	GRADIENT	.00234	.00071	.00038	.00193	-.00016	.01174	-.00081	.00157	11.51238	-.00004

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M017) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1737/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
8.253	-7.785	.16630	.03090	.02820	.00370	-.01460	8.55546	8.84432	10.96600	-48.18540	.60000
8.166	-3.775	.18810	.03680	.03220	.00980	-.01620	8.59308	8.83636	8.65850	-28.22020	.60050
7.790	.153	.19670	.04030	.03340	.01880	-.01680	8.64710	8.83337	7.57630	-.35960	.60120
8.129	4.137	.21880	.04560	.03740	.02100	-.02040	8.66045	8.81545	8.80410	27.72150	.60000
8.186	8.098	.23300	.04870	.04050	.02350	-.02480	8.67562	8.79355	11.15380	47.35840	.60010
	GRADIENT	.00388	.00111	.00066	.00140	-.00053	.00850	-.00265	.01910	7.07079	-.00006

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M018) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1738/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.173	-5.987	-.01050	-.01240	-.00140	.00040	-.00050	8.53603	8.91389	-8.20720	45.33450	.79890
-8.376	-3.895	-.01570	-.01280	-.00240	.00470	.00130	8.56862	8.92600	-6.97900	33.46920	.79880
-8.293	.322	-.01990	-.01390	-.00290	.02250	.00370	8.70354	8.94263	-5.67830	-1.11530	.79850
-8.019	4.257	-.01150	-.01260	-.00130	.03090	.00410	8.76721	8.94540	-6.95190	-33.83650	.79660
-7.776	6.225	-.00720	-.01240	-.00050	.03350	.00410	8.76691	8.94540	-8.13520	-45.38490	.80150
	GRADIENT	.00050	.00002	.00013	.00323	.00035	.02445	.00240	.00698	-8.25566	-.00027

RUN NO. 1739/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.263	-6.107	.03420	-.00200	.00570	-.00200	.00040	8.51983	8.91977	-6.51800	63.99540	.80260
-4.442	-4.069	.03330	-.00140	.00540	.00070	.00130	8.53831	8.92600	-4.83290	53.87330	.80050
-4.097	.196	.03980	.00120	.00660	.02060	.00360	8.68914	8.94194	-2.32020	.19070	.79900
-3.914	4.266	.05220	.00380	.00880	.02940	.00360	8.75584	8.94194	-4.77230	-54.01550	.79620
-3.647	6.199	.05910	.00480	.01030	.03100	.00310	8.76796	8.93847	-6.41260	-64.26570	.79670
	GRADIENT	.00226	.00062	.00041	.00345	.00028	.02617	.00193	.01191	-12.94231	-.00051

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M018) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1740/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.155	-6.208	.08480	.01040	.01380	.00230	-.00060	8.55043	8.91327	-5.87340	90.14040	.79980
-.231	-4.071	.08630	.01180	.01380	.00140	.00050	8.54361	8.92046	-3.74830	89.99220	.80170
-.241	-.164	.09230	.01490	.01490	.02010	.00170	8.68535	8.92878	.13190	89.96520	.79970
-.169	3.697	.10670	.01800	.01730	.02850	.00090	8.74902	8.92323	3.96830	89.95180	.79540
-.077	5.709	.11490	.01980	.01900	.03010	-.00020	8.76114	8.91576	5.97040	89.95180	.78740
	GRADIENT	.00262	.00080	.00045	.00349	.00005	.02646	.00036	.99336	-.00520	-.00081

RUN NO. 1741/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.161	-5.701	.14230	.02360	.02370	.00430	-.00590	8.56559	8.88032	7.04320	-59.82370	.79760
3.893	-3.687	.14700	.02560	.02450	.00490	-.00520	8.57014	8.88467	5.38910	-48.91680	.79780
4.062	.201	.15890	.03030	.02650	.02330	-.00480	8.70960	8.88716	4.27260	-.09370	.79990
3.780	4.013	.17790	.03430	.02970	.02810	-.00680	8.74598	8.87473	5.55540	47.66090	.80180
3.960	5.978	.18630	.03640	.03130	.03100	-.00830	8.76796	8.86540	7.18590	58.78100	.79700
	GRADIENT	.00401	.00113	.00067	.00302	-.00021	.02288	-.00129	.02059	12.54180	.00052

RUN NO. 1742/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
6.380	-5.710	.17230	.03030	.02890	.00520	-.00840	8.57241	8.86478	8.24720	-47.96950	.80050
6.047	-3.717	.17530	.03170	.02950	.00620	-.00850	8.57999	8.86416	6.85740	-36.68810	.79760
5.995	.208	.19110	.03740	.03220	.02000	-.00940	8.68459	8.85856	5.82090	-.02010	.79740
5.623	4.011	.19890	.03990	.03280	.02680	-.01380	8.73613	8.83121	6.74190	36.86920	.79640
5.919	5.943	.20960	.04260	.03450	.02940	-.01710	8.75584	8.81069	8.16020	48.00650	.79710
	GRADIENT	.00306	.00106	.00043	.00267	-.00068	.02024	-.00425	-.01628	9.51771	-.00015

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M019) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1743/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.300	-6.000	-.02420	-.01140	-.00460	-.01800	.00020	8.40500	8.91850	-8.12620	45.71630	.89930
-8.382	-3.912	-.02900	-.01200	-.00530	-.01220	.00180	8.44625	8.93046	-6.80670	34.30980	.89880
-8.302	.352	-.03160	-.01240	-.00550	.01270	.00430	8.63693	8.94916	-5.48910	-1.50050	.89890
-8.014	4.255	-.02270	-.01160	-.00380	.02410	.00590	8.73023	8.96112	-6.76260	-34.72210	.90080
-7.780	6.257	-.01690	-.01120	-.00260	.02360	.00590	8.72613	8.96112	-8.01130	-46.38110	.90100
	GRADIENT	.00075	.00005	.00018	.00447	.00050	.03492	.00376	.01008	-8.45149	.00024

RUN NO. 1744/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.239	-6.133	.02320	-.00110	.00320	-.01100	.00500	8.45478	8.95439	-6.47580	64.69560	.90130
-4.434	-4.108	.02100	-.00100	.00280	-.00720	.00720	8.48180	8.97085	-4.79150	54.77940	.89850
-4.146	.190	.02660	.00240	.00400	.02520	.00940	8.73923	8.98730	-2.26110	.24280	.89880
-3.956	4.276	.04410	.00520	.00710	.03010	.00750	8.77933	8.97309	-4.72790	-54.54480	.90390
-3.661	6.248	.05540	.00650	.00930	.03050	.00560	8.78260	8.95888	-6.39960	-64.94790	.90370
	GRADIENT	.00274	.00074	.00051	.00448	.00004	.03570	.00030	.01258	-13.03693	.00064

RUN NO. 1745/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.116	-6.240	.07570	.00980	.01200	-.00910	.00120	8.46829	8.92597	-5.88750	90.16730	.89690
-.210	-4.410	.07860	.01090	.01240	-.01050	.00340	8.45834	8.94243	-4.07030	89.97870	.89500
-.239	-.309	.08580	.01540	.01380	.02130	.00350	8.70731	8.94318	.00150	89.99220	.90290
-.158	3.623	.10940	.01960	.01760	.03070	.00220	8.78424	8.93345	3.90480	89.93830	.90480
-.061	5.689	.12150	.02170	.01970	.03370	.00170	8.80879	8.92971	5.95830	89.93830	.90040
	GRADIENT	.00382	.00108	.00065	.00515	-.00015	.04072	-.00111	.99281	-.00497	.00123

RUN NO. 1746/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.156	-5.683	.13740	.02200	.02260	-.00750	-.00270	8.47967	8.89888	6.98980	-60.36680	.90120
3.865	-3.681	.14420	.02380	.02350	-.01360	-.00450	8.43629	8.88679	5.33440	-49.60640	.90080
4.060	.198	.16200	.03010	.02630	.02250	-.00930	8.71713	8.85457	4.21860	-.06460	.89830
3.771	4.002	.17890	.03400	.02850	.03250	-.01070	8.79897	8.84518	5.51930	48.09300	.89690
3.967	5.962	.18540	.03530	.02950	.03730	-.01380	8.83825	8.82437	7.15580	59.12540	.89700
	GRADIENT	.00452	.00133	.00065	.00601	-.00081	.04729	-.00543	.02305	12.71649	-.00051

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (S8M020) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1747/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.331	-6.022	-.03080	-.01030	-.00560	-.02650	-.00450	8.33792	8.88573	-8.08030	46.03320	.94880
-8.390	-3.935	-.03650	-.01220	-.00630	-.02900	.00040	8.31952	8.92010	-6.73450	54.74100	.94840
-8.292	.333	-.03770	-.01190	-.00600	.00250	.00470	8.55418	8.95339	-5.38540	-1.37220	.95010
-7.974	4.261	-.02470	-.01040	-.00370	.01270	.01100	8.64059	9.00216	-6.69640	-35.16130	.94530
-7.803	6.252	-.01770	-.01050	-.00240	.01290	.00990	8.64229	8.99365	-7.96640	-46.56920	.94760
	GRADIENT	.00141	.00022	.00031	.00512	.00129	.03940	.00998	.00914	-8.52743	-.00037

RUN NO. 1748/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.224	-6.145	.01950	-.00080	.00290	-.02250	-.00300	8.36737	8.89615	-8.45780	64.98130	.94680
-4.450	-4.102	.01770	-.00100	.00260	-.01820	.00070	8.39902	8.92242	-4.76220	54.91610	.94660
-4.126	.187	.02600	.00240	.00460	.01050	.00150	8.62196	8.92861	-2.20470	.24540	.95080
-3.940	4.271	.04660	.00500	.00800	.01750	.00450	8.68126	8.95184	-4.70770	-54.64930	.94650
-3.682	6.247	.05710	.00640	.01000	.02180	.00380	8.71769	8.94642	-6.38660	-64.97570	.94930
	GRADIENT	.00344	.00072	.00064	.00428	.00045	.03386	.00350	.01144	-13.08226	-.00000

RUN NO. 1749/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.075	-6.243	.07220	.00930	.01160	-.02050	-.00760	8.38209	8.86419	-5.88340	90.18080	.94650
-.148	-4.421	.07400	.00980	.01210	-.02030	-.00900	8.38356	8.85446	-4.07290	89.96520	.94800
-.182	-.100	.08460	.01460	.01410	.00500	-.00140	8.57536	8.90727	.21180	90.00570	.94880
-.103	3.616	.10790	.01860	.01780	.01140	-.00150	8.62958	8.90658	3.89830	89.93830	.95190
.020	5.685	.12430	.02100	.02050	.01590	-.00290	8.66770	8.89685	5.95280	89.93830	.95240
	GRADIENT	.00417	.00110	.00070	.00400	.00096	.03098	.00664	.99187	-.00300	.00048

RUN NO. 1750/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.166	-5.678	.13500	.01980	.02300	-.02020	-.02220	8.38430	8.76273	6.96200	-60.75680	.95000
3.868	-3.687	.13990	.02110	.02380	-.02440	-.02490	8.35338	8.74397	5.30930	-50.04530	.94570
4.046	.193	.16070	.02770	.02660	-.00100	-.02610	8.52564	8.73563	4.19920	-.09950	.94890
3.727	3.971	.18080	.03160	.02910	.01220	-.02860	8.63636	8.71826	5.46130	48.30900	.94650
4.068	5.968	.19480	.03390	.03110	.02170	-.03240	8.71684	8.69185	7.17030	59.13970	.94780
	GRADIENT	.00534	.00137	.00069	.00478	-.00048	.03698	-.00335	.01848	12.84331	.00011

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (S8M021) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1751/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.278	-6.079	-.05680	-.01050	-.00850	-.00740	-.00650	8.47544	8.86927	-7.90340	47.24320	1.05170
-8.437	-3.967	-.06010	-.01110	-.00890	.00630	-.00330	8.58940	8.89277	-6.54100	35.74740	1.04900
-8.250	.329	-.04360	-.00970	-.00630	.03620	-.00100	8.85708	8.90966	-5.13150	-1.43880	1.05030
-7.990	4.294	-.02850	-.01050	-.00360	.04550	-.00100	8.94034	8.90966	-6.49790	-36.28380	1.05040
-7.722	6.301	-.01640	-.01000	-.00170	.05180	-.00040	8.99674	8.91406	-7.77840	-47.89980	1.05060
	GRADIENT	.00383	.00008	.00064	.00478	.00028	.04275	.00207	.00969	-8.71792	.00017

RUN NO. 1752/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.181	-6.192	-.00270	-.00060	.00040	-.01300	-.00610	8.43187	8.87221	-6.42270	65.48090	1.04820
-4.443	-4.135	-.00130	-.00050	.00060	-.00930	-.00550	8.46065	8.87661	-4.71370	55.57750	1.04910
-4.226	.201	.02140	.00440	.00430	.02680	-.00220	8.77293	8.90085	-2.18190	-.19250	1.05130
-3.989	4.322	.05270	.00620	.00960	.02930	-.00050	8.79531	8.91333	-4.69050	-55.33180	1.04670
-3.600	6.249	.07430	.00700	.01330	.03140	-.00190	8.81411	8.90305	-6.30030	-65.72740	1.05190
	GRADIENT	.00638	.00080	.00106	.00460	.00059	.03985	.00435	.00778	-13.11231	-.00028

RUN NO. 1753/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.059	-6.288	.05340	.01030	.00950	-.00930	-.00770	8.46065	8.86046	-5.91360	90.18080	1.04500
-.038	-4.392	.06270	.01200	.01090	-.01370	-.00610	8.42643	8.87221	-4.03490	90.01910	1.04510
-.061	-.269	.09030	.01790	.01570	.01150	-.00350	8.43595	8.89130	.05120	89.95180	1.05260
.032	3.576	.12640	.02010	.02150	.01950	-.01300	8.70758	8.82154	3.86330	89.92480	1.05270
.131	5.674	.14540	.02040	.02450	.01930	-.01970	8.70579	8.77234	5.94290	89.88440	1.05030
	GRADIENT	.00798	.00102	.00133	.00419	-.00085	.03547	-.00623	.99124	-.01189	.00096

RUN NO. 1754/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.185	-5.635	.12650	.02230	.02200	-.01780	-.01680	8.39453	8.79364	6.88520	-61.45310	1.04710
3.904	-3.685	.13540	.02400	.02330	-.01700	-.01550	8.40076	8.80318	5.26120	-50.89510	1.04590
4.050	.197	.16430	.02850	.02780	.00560	-.02190	8.58313	8.75619	4.05240	-.09200	1.05250
3.748	3.966	.18980	.03130	.03110	.01240	-.03070	8.64401	8.69157	5.39240	49.38200	1.04950
4.091	5.916	.21040	.03290	.03420	.01740	-.04370	8.68878	8.59610	7.06890	60.01480	1.04610
	GRADIENT	.00711	.00096	.00102	.00385	-.00199	.03187	-.01458	.01550	13.10750	.00048

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M022) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1755/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.308	-6.104	-.06530	-.00930	-.00960	.01490	-.00290	8.67008	8.89512	-7.86640	47.66090	1.10470
-8.371	-3.980	-.06610	-.01010	-.00960	.02980	-.00290	8.80715	8.89512	-6.46980	36.27230	1.09750
-8.323	.334	-.05330	-.00950	-.00780	.06410	-.00130	9.12270	8.90719	-5.09320	-1.45990	1.10010
-7.974	4.302	-.03130	-.00930	-.00390	.07460	-.00100	9.21930	8.90945	-6.47080	-36.43720	1.09600
-7.733	6.301	-.01840	-.00930	-.00190	.07630	.00070	9.23494	8.92289	-7.75950	-47.95550	1.10330
	GRADIENT	.00418	.00010	.00068	.00545	.00023	.05010	.00175	.00451	-8.77864	-.00017

RUN NO. 1756/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.204	-6.195	-.00900	.00070	-.00050	.00210	-.00300	8.55232	8.89436	-6.41160	65.62360	1.09760
-4.424	-4.148	-.00740	.00080	-.00020	.01520	-.00420	8.67284	8.88531	-4.69660	56.08060	1.09730
-4.101	.185	.02240	.00660	.00470	.05020	-.00150	8.99483	8.90568	-2.09050	.21100	1.10050
-4.007	4.331	.05770	.00700	.01070	.05950	-.00120	9.08039	8.90795	-4.70370	-55.10900	1.09880
-3.575	6.291	.07800	.00700	.01420	.05810	-.00750	9.06751	8.86041	-6.33740	-65.76920	1.10240
	GRADIENT	.00767	.00074	.00128	.00525	.00036	.04826	.00269	.00372	-13.11201	.00018

RUN NO. 1757/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.073	-6.284	.05280	.01200	.00940	-.00210	-.00390	8.51621	8.88757	-5.91160	90.15390	1.09870
-.029	-4.396	.06360	.01390	.01120	.00560	-.00130	8.58452	8.90719	-4.04090	90.01910	1.10130
-.087	-.174	.09090	.01750	.01610	.03720	-.00700	8.87523	8.86418	.14500	89.93830	1.09900
-.002	3.598	.12190	.01880	.02110	.04590	-.01900	8.95527	8.77363	3.88540	89.93830	1.09680
.120	5.675	.14150	.01990	.02420	.04550	-.02490	8.95159	8.72911	5.94620	89.95180	1.10200
	GRADIENT	.00728	.00062	.00124	.00509	-.00220	.04682	-.01658	.99153	-.01029	-.00056

RUN NO. 1758/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.211	-5.638	.11690	.02310	.02070	-.00730	-.01560	8.47465	8.79928	6.88960	-61.68980	1.09850
3.891	-3.654	.12740	.02470	.02240	-.00040	-.01530	8.52980	8.80155	5.20990	-51.20850	1.09740
4.033	.195	.15930	.02840	.02740	.02030	-.02800	8.71976	8.70572	4.03080	-.10920	1.09920
3.763	3.953	.18830	.02950	.03160	.02500	-.04340	8.76299	8.58951	5.39020	49.34600	1.09760
4.077	5.906	.20480	.03100	.03390	.02360	-.04760	8.75011	8.55782	7.06770	60.05780	1.10130
	GRADIENT	.00801	.00063	.00121	.00335	-.00369	.03073	-.02786	.02237	13.21978	.00003

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M023) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 876.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1759/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.269	-6.117	-.06220	-.00660	-.00940	.02620	-.00180	8.81469	8.90113	-7.85840	47.73290	1.15130
-8.353	-3.978	-.05740	-.00740	-.00840	.03560	-.00230	8.91575	8.89672	-6.47780	36.21470	1.14670
-8.092	.179	-.04130	-.00690	-.00600	.06500	-.00170	9.23184	8.90201	-4.93380	.17490	1.15030
-7.959	4.292	-.02470	-.00850	-.00310	.07600	-.00040	9.35010	8.91347	-6.43470	-36.52090	1.14940
-7.758	6.333	-.01110	-.00960	-.00080	.07770	.00030	9.36838	8.91995	-7.76350	-48.12270	1.14780
	GRADIENT	.00395	-.00013	.00064	.00489	.00023	.05256	.00202	.00586	-8.79447	.00033

RUN NO. 1760/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.180	-6.209	-.00500	.00300	-.00010	.01290	-.00210	8.67169	8.89848	-6.41970	65.66640	1.15360
-4.416	-4.152	-.00040	.00300	.00080	.02330	-.00150	8.78351	8.90377	-4.70260	55.90810	1.15250
-4.118	.184	.03250	.00600	.00630	.05300	.00050	9.10282	8.92191	-2.11430	.30370	1.15200
-3.976	4.321	.05920	.00540	.01090	.06600	-.00630	9.24259	8.86144	-4.67940	-55.30400	1.15160
-3.599	6.289	.07980	.00470	.01430	.06700	-.01670	9.25334	8.76973	-6.33040	-65.78310	1.15070
	GRADIENT	.00704	.00029	.00119	.00505	-.00056	.05434	-.00492	.00753	-13.12364	-.00011

RUN NO. 1761/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.077	-6.278	.05740	.01260	.01030	.00340	-.00380	8.56955	8.88349	-5.90360	90.16730	1.15030
-.011	-4.402	.06900	.01450	.01220	.01370	-.00350	8.68029	8.88614	-4.04350	90.01910	1.15080
-.051	-.167	.10080	.01740	.01760	.04340	-.01550	8.99961	8.78031	.15470	89.93830	1.14850
.032	3.598	.13250	.01800	.02240	.05440	-.02970	9.11787	8.65509	3.88750	89.93830	1.14960
.182	5.681	.15050	.01800	.02510	.04980	-.03660	9.06842	8.59424	5.95390	89.89790	1.14950
	GRADIENT	.00793	.00044	.00127	.00513	-.00327	.05512	-.02880	.99129	-.01029	-.00016

RUN NO. 1762/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.215	-5.635	.12000	.02270	.02110	-.00610	-.01900	8.47601	8.74945	6.88850	-61.70370	1.15120
3.897	-3.649	.13050	.02400	.02280	.00370	-.02280	8.57278	8.71594	5.20770	-51.23640	1.15060
4.030	.195	.16510	.02780	.02810	.02510	-.03780	8.80286	8.58366	3.99960	-.15680	1.15250
3.765	3.951	.19290	.02840	.03190	.03090	-.05060	8.86522	8.47078	5.36830	49.56920	1.15300
4.040	5.901	.20840	.02850	.03410	.02920	-.05660	8.84694	8.41787	7.03540	60.41630	1.15310
	GRADIENT	.00821	.00058	.00120	.00359	-.00366	.03856	-.03227	.01982	13.26451	.00032

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M024) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1763/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.295	-6.115	-.05290	-.00380	-.00830	.04160	.00060	8.93684	8.92232	-7.82940	47.97050	1.24890
-8.421	-3.987	-.05160	-.00510	-.00790	.05160	-.00140	9.03392	8.90585	-6.43770	36.50240	1.25120
-8.273	.348	-.03100	-.00710	-.00460	.06860	-.00090	9.19896	8.90983	-5.01860	-1.50310	1.25150
-8.000	4.320	-.01420	-.01070	-.00160	.07120	-.00490	9.22420	8.87798	-6.42670	-36.73000	1.25270
-7.768	6.341	-.00550	-.01260	-.00030	.07100	-.00910	9.22225	8.84454	-7.73350	-48.41530	1.25140
	GRADIENT	.00451	-.00067	.00076	.00238	-.00041	.02313	-.00329	.00628	-8.81458	.00018

RUN NO. 1764/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.220	-6.198	.00380	.00380	.00140	.02600	.00140	8.78540	8.92942	-6.41260	65.65220	1.24840
-4.444	-4.150	.00830	.00340	.00230	.03750	-.00140	8.89704	8.90585	-4.69460	56.08060	1.25220
-4.107	.191	.04200	.00370	.00780	.05910	-.01140	9.10673	8.82623	-2.08100	.27190	1.24700
-3.991	4.312	.06460	.00010	.01140	.06020	-.02640	9.11741	8.70679	-4.65520	-55.50600	1.24840
-3.623	6.316	.07910	-.00130	.01350	.05780	-.03170	9.09411	8.66459	-6.34140	-66.14500	1.25070
	GRADIENT	.00666	-.00039	.00108	.00270	-.00295	.02624	-.02348	.00999	-13.18335	-.00046

RUN NO. 1765/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.065	-6.295	.06770	.01270	.01210	.01430	-.00980	8.67182	8.83897	-5.91260	90.18080	1.25200
-.011	-4.413	.07740	.01370	.01380	.02470	-.01500	8.77278	8.79756	-4.04910	90.01910	1.24700
-.027	-.165	.11050	.01540	.01880	.05020	-.02870	9.02033	8.68847	.16080	89.93830	1.24830
.034	3.594	.13480	.01370	.02230	.05220	-.03980	9.03975	8.60009	3.88640	89.93830	1.24650
.101	5.671	.14620	.01180	.02390	.04510	-.04750	8.97082	8.53878	5.94510	89.92480	1.24960
	GRADIENT	.00718	.00001	.00106	.00349	-.00310	.03388	-.02468	.99102	-.01028	-.00005

RUN NO. 1766/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.209	-5.638	.13050	.02290	.02240	.00920	-.03230	8.62231	8.65981	6.88630	-61.80120	1.24780
3.889	-3.634	.14060	.02360	.02410	.01730	-.03810	8.70094	8.61363	5.18810	-51.32000	1.24660
4.051	.212	.17070	.02560	.02850	.03470	-.05020	8.86986	8.51728	3.99690	-.05320	1.24820
3.753	3.954	.19220	.02410	.03130	.03230	-.05930	8.84656	8.44482	5.35740	49.70600	1.25170
4.037	5.905	.20360	.02320	.03300	.02320	-.06390	8.75822	8.40819	7.03320	60.45930	1.25120
	GRADIENT	.00680	.00007	.00095	.00199	-.00280	.01930	-.02226	.02079	13.31365	.00067

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M025) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1989/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-7.979	-7.885	-.00690	-.01160	.00030	.00840	-.00620	8.58398	11.10214	-9.87640	52.08740	.60010
-8.049	-3.832	-.00840	-.01110	-.00060	.01320	-.00410	8.61311	11.11259	-7.11000	32.95770	.59970
-8.093	.313	-.01200	-.01270	-.00110	.02430	-.00310	8.68048	11.11757	-5.97370	-1.00250	.59900
-7.596	4.188	-.00400	-.01170	.00080	.02710	-.00350	8.69747	11.11558	-7.01180	-33.63570	.59860
-7.574	8.058	-.01070	-.01420	.00110	.02860	-.00360	8.70658	11.11508	-9.80450	-51.94820	.59830
	GRADIENT	.00053	-.00008	.00017	.00174	.00008	.01058	.00038	.01526	-8.30185	-.00014

RUN NO. 1990/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.139	-7.997	.02350	-.00350	.00630	.00550	-.00620	8.56638	11.10214	-8.39580	68.90520	.60020
-4.137	-3.905	.02550	-.00190	.00640	.00970	-.00550	8.59187	11.10562	-4.75190	53.97970	.60140
-3.926	.187	.03080	-.00060	.00740	.02100	-.00540	8.66045	11.10612	-2.40820	.28280	.60070
-3.855	4.144	.03840	.00060	.00930	.02400	-.00640	8.67866	11.10114	-4.82360	-52.86070	.60010
-3.782	8.130	.03900	-.00050	.01050	.02520	-.00730	8.68594	11.09666	-8.41270	-68.35230	.60000
	GRADIENT	.00160	.00031	.00036	.00178	-.00011	.01082	-.00055	-.00559	-13.27321	-.00016

RUN NO. 1991/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.149	-8.164	.06040	.00550	.01320	.00400	-.00950	8.55728	11.08571	-7.94120	90.17270	.59970
-.271	-4.260	.06580	.00770	.01370	.00610	-.00860	8.57002	11.09019	-4.05490	89.99760	.60040
-.249	-.054	.07470	.01060	.01490	.01770	-.00880	8.64042	11.08919	.12740	90.01110	.60020
-.193	3.805	.07910	.01180	.01670	.02130	-.01010	8.66227	11.08272	3.96960	89.97060	.60190
-.106	7.817	.08620	.01290	.01870	.02390	-.01210	8.6 805	11.07277	7.96420	89.95720	.60350
	GRADIENT	.00166	.00051	.00037	.00190	-.00018	.01152	-.00092	.99500	-.00325	.00018

RUN NO. 1992/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.474	-7.680	.11130	.01780	.02250	.00220	-.01690	8.54635	11.04887	8.85560	-64.05130	.60380
4.193	-3.845	.12030	.02100	.02460	.00550	-.01740	8.56638	11.04638	5.75080	-45.81830	.59980
4.202	.187	.13010	.02430	.02610	.01720	-.01790	8.63739	11.04389	4.51090	-.08410	.59970
3.876	4.133	.13640	.02580	.02740	.02010	-.01960	8.65499	11.03543	5.78380	45.65000	.59900
3.892	7.994	.14540	.02760	.02970	.02150	-.02190	8.66349	11.02398	8.91250	65.34390	.60100
	GRADIENT	.00202	.00060	.00035	.00183	-.00028	.01113	-.00137	.00300	11.46376	-.00010

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M025) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1993/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
8.232	-7.806	.15020	.02630	.02950	-.00010	-.02400	8.53247	11.01353	10.96500	-48.30520	.60030
8.197	-3.798	.24900	.04500	.03720	.00410	-.02680	8.55788	10.99959	8.67350	-28.29490	.60030
7.840	.140	.22980	.04390	.03730	.01250	-.02790	8.60886	10.99411	7.60450	-.40070	.60080
8.171	4.142	.25400	.04940	.04130	.01490	-.03200	8.62343	10.97370	8.83730	27.69860	.60030
7.952	8.017	.23230	.04640	.04230	.01770	-.03520	8.64042	10.95777	10.94860	47.89710	.59860
	GRADIENT	.00064	.00056	.00052	.00136	-.00066	.00824	-.00327	.02142	7.05270	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M026) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1994/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.012	-5.938	-.00170	-.01150	-.00040	-.00610	-.00680	8.49283	11.09073	-8.06810	45.81570	.80040
-8.347	-3.884	-.00680	-.01200	-.00160	-.00260	-.00520	8.51588	11.10067	-6.93570	33.59700	.79970
-8.240	.278	-.00610	-.01240	-.00160	.01730	-.00290	8.66413	11.11497	-5.63790	-.67230	.79970
-7.935	4.225	-.00040	-.01190	.00010	.02450	-.00320	8.71870	11.11311	-6.86860	-33.95640	.80000
-7.729	6.209	.00370	-.01180	.00120	.02650	-.00350	8.73386	11.11124	-8.11210	-45.37240	.79960
	GRADIENT	.00078	.00001	.00021	.00335	.00025	.02511	.00155	.01102	-8.32919	.00004

RUN NO. 1995/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.209	-6.091	.03640	-.00230	.00670	-.00680	-.00660	8.48822	11.09197	-6.48870	64.22980	.79920
-4.436	-4.053	.03970	-.00110	.00650	-.00420	-.00540	8.50534	11.09943	-4.81860	53.81430	.80050
-4.049	.197	.04990	.00170	.00810	.01540	-.00460	8.64972	11.10440	-2.28010	.19330	.79970
-3.921	4.242	.05560	.00300	.01010	.02300	-.00490	8.70733	11.10254	-4.75500	-53.78010	.79980
-3.620	6.166	.06400	.00430	.01180	.02420	-.00560	8.71642	11.09819	-6.37630	-64.23230	.80030
	GRADIENT	.00192	.00050	.00043	.00329	.00006	.02443	.00038	.01265	-12.96893	-.00009

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M028) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1996/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.131	-6.250	.08450	.00900	.01500	-.00340	-.01010	8.51061	11.07021	-5.91440	90.22660	.79920
-.219	-4.360	.09040	.01090	.01520	-.00540	-.00910	8.43744	11.07643	-4.03520	90.01110	.80000
-.227	-.204	.10130	.01480	.01660	.01330	-.00880	8.63381	11.07829	.09340	89.97060	.79980
-.146	3.613	.13720	.02150	.02020	.02090	-.00930	8.69141	11.07518	3.88610	89.95720	.79970
-.054	5.698	.14490	.02310	.02200	.02220	-.01000	8.70126	11.07083	5.96080	89.97060	.80060
	GRADIENT	.00582	.00132	.00062	.00332	-.00002	.02445	-.00015	.99351	-.00680	-.00004

RUN NO. 1997/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.188	-5.719	.15760	.02430	.02590	-.00300	-.01740	8.51324	11.02483	7.05680	-59.90860	.79990
3.899	-3.707	.15160	.02470	.02630	-.00360	-.01580	8.50929	11.03477	5.39150	-49.18290	.79990
4.100	.198	.15880	.02830	.02850	.01650	-.01530	8.65806	11.03788	4.28910	-.08190	.80000
3.790	4.038	.17020	.03100	.03080	.02110	-.01770	8.69293	11.02296	5.59510	47.60900	.79990
4.035	6.016	.17830	.03360	.03200	.02360	-.02150	8.71188	10.99934	7.23970	58.65750	.79950
	GRADIENT	.00240	.00081	.00058	.00319	-.00024	.02375	-.00152	.02542	12.49756	.00000

RUN NO. 1998/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
6.399	-5.751	.16280	.02680	.03020	-.00150	-.02060	8.52312	11.00493	8.28810	-48.01260	.80000
6.087	-3.755	.17740	.03010	.03160	-.00250	-.02020	8.51654	11.00742	6.89990	-36.75230	.79980
6.024	.208	.19150	.03590	.03330	.01300	-.02260	8.63153	10.99250	5.83430	-.01360	.79990
5.632	4.013	.18970	.03680	.03390	.02060	-.02570	8.68914	10.97323	6.73430	36.97560	.80000
5.839	5.970	.19740	.03880	.03490	.02310	-.02890	8.70809	10.95333	8.12880	48.58130	.79970
	GRADIENT	.00160	.00087	.00030	.00298	-.00071	.02227	-.00440	-.02304	9.49030	.00003

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M027) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1999/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.307	-5.960	-.02010	-.01160	-.00390	-.02010	-.00670	8.39007	11.08803	-8.08410	45.65000	.90020
-8.316	-3.905	-.02180	-.01170	-.00430	-.01410	-.00510	8.43274	11.09877	-6.76740	34.49520	.89960
-8.271	.323	-.02550	-.01210	-.00480	.01190	-.00230	8.63039	11.11756	-5.46280	-1.14880	.89950
-7.990	4.238	-.01820	-.01160	-.00290	.02320	-.00120	8.72286	11.12495	-6.73830	-34.64680	.89960
-7.707	6.229	-.01170	-.01090	-.00140	.02450	-.00040	8.73350	11.13032	-7.97320	-46.34770	.89980
	GRADIENT	.00042	.00001	.00017	.00460	.00048	.03578	.00323	.00763	-8.49017	-.00000

RUN NO. 2000/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.247	-6.109	.02400	-.00210	.00410	-.01520	-.00320	8.42491	11.11152	-6.45460	64.64420	.89990
-4.428	-4.076	.02890	-.00090	.00400	-.01280	-.00200	8.44198	11.11958	-4.76200	54.67730	.90020
-4.072	.192	.03490	.00190	.00560	.01670	-.00140	8.66967	11.12360	-2.20380	.26210	.89970
-3.944	4.260	.04600	.00390	.00830	.02660	.00020	8.75069	11.13450	-4.70950	-54.47660	.90020
-3.631	6.225	.05610	.00510	.01040	.02940	.00070	8.77360	11.13824	-6.37430	-64.94230	.89950
	GRADIENT	.00205	.00058	.00051	.00474	.00026	.03717	.00178	.01117	-13.09113	-.00000

RUN NO. 2001/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.098	-6.271	.07010	.00750	.01270	-.01470	-.00730	8.42847	11.08400	-5.91640	90.25350	.89960
-.202	-4.396	.07250	.00860	.01310	-.01620	-.00500	8.41780	11.09944	-4.05440	89.99760	.89970
-.221	-.130	.08200	.01310	.01520	.01830	-.00450	8.68276	11.10379	.18010	89.97060	.89930
-.141	3.611	.10020	.01640	.01880	.02790	-.00480	8.76132	11.10078	3.89420	89.95720	.90030
-.073	5.696	.10920	.01780	.02040	.02870	-.00620	8.76787	11.09138	5.96630	89.95720	.89990
	GRADIENT	.00343	.00098	.00071	.00557	.00003	.04335	.00018	.99272	-.00508	.00007

RUN NO. 2002/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.252	-5.690	.13050	.01910	.02410	-.01620	-.01620	8.41780	11.02426	7.02670	-59.90860	.90030
3.882	-3.712	.13290	.02030	.02470	-.01930	-.01520	8.39576	11.03097	5.35430	-49.80980	.90020
4.064	.191	.15090	.02630	.02730	.01610	-.02060	8.66476	10.99472	4.20700	-.10620	.89960
3.814	4.010	.16960	.03020	.02990	.02520	-.02470	8.73923	10.96720	5.54470	47.99070	.89990
4.041	6.000	.17910	.03220	.03130	.03150	-.02880	8.79079	10.93968	7.19960	59.21720	.90000
	GRADIENT	.00475	.00128	.00067	.00577	-.00123	.04457	-.00826	.02349	12.66543	-.00004

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M028) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2003/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.031	-5.973	-.02500	-.01060	-.00460	-.03420	-.01520	8.28124	11.02738	-7.86920	47.07600	.94990
-8.325	-3.931	-.02810	-.01170	-.00540	-.03450	-.00770	8.27903	11.07949	-8.69620	34.94080	.94960
-8.280	.268	-.03140	-.01150	-.00540	-.00510	.00320	8.49546	11.15778	-5.38520	-.70580	.94960
-7.947	4.240	-.02000	-.01080	-.00290	.00190	.00260	8.54910	11.15313	-8.64210	-35.16970	.95000
-7.751	6.212	-.01380	-.01060	-.00160	.00710	.00280	8.59315	11.15468	-7.90920	-46.63330	.95020
	GRADIENT	.00097	.00011	.00030	.00448	.00127	.03323	.00910	.00954	-8.57974	.00005

RUN NO. 2004/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.142	-6.133	.02040	-.00190	.00390	-.02800	-.01440	8.32688	11.03294	-6.42150	85.40100	.94930
-4.435	-4.086	.01850	-.00220	.00330	-.02550	-.01000	8.34528	11.06351	-4.74490	54.88590	.94950
-4.066	.188	.02620	.00130	.00520	-.00250	-.00190	8.51460	11.11980	-2.16580	.27050	.94960
-3.959	4.271	.04290	.00340	.00850	.00260	-.00090	8.55503	11.12675	-4.70750	-54.58100	.94940
-3.647	6.202	.05330	.00450	.01060	.01000	-.00130	8.61772	11.12397	-6.33220	-65.05360	.94940
	GRADIENT	.00291	.00067	.00062	.00338	.00110	.02521	.00761	.00914	-13.09728	-.00001

RUN NO. 2005/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.096	-6.395	.06230	.00630	.01200	-.02590	-.02110	8.34234	10.98638	-6.03100	90.02460	.94990
-.135	-4.385	.06440	.00670	.01270	-.02780	-.02170	8.32835	10.98221	-4.03670	89.99760	.94950
-.178	-.226	.07360	.01120	.01460	-.01030	-.01230	8.45718	11.04753	.08820	89.99760	.94960
-.079	3.654	.10110	.01530	.01910	-.00350	-.01430	8.50723	11.03363	3.93670	89.94370	.95000
.040	5.714	.11660	.01770	.02160	.00510	-.01640	8.5[illegible]621	11.01904	5.98390	89.93020	.94970
	GRADIENT	.00454	.00107	.00079	.00304	.00094	.02236	.00651	.99183	-.00662	.00006

RUN NO. 2006/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.177	-5.715	.12610	.01650	.02400	-.02740	-.03530	8.33130	10.88770	6.99560	-60.80690	.94970
3.869	-3.691	.12850	.01690	.02500	-.03410	-.03870	8.28187	10.86408	5.30190	-50.10940	.94990
4.099	.188	.15070	.02350	.02820	-.01180	-.04270	8.44613	10.83628	4.22210	-.10440	.94940
3.767	4.006	.17370	.02810	.03080	.00200	-.04330	8.54994	10.83211	5.49870	48.51640	.94930
4.078	5.979	.18850	.03050	.03280	.01260	-.04530	8.63975	10.81821	7.17610	59.30330	.94920
	GRADIENT	.00587	.00146	.00075	.00469	-.00060	.03484	-.00416	.02477	12.81441	-.00008

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M029) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2007/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.263	-6.066	-.05030	-.01070	-.00760	-.01190	-.02080	8.44043	10.98026	-7.88420	47.28490	1.05000
-8.354	-3.[illegible]	-.04870	-.01080	-.00740	-.00220	-.01720	8.51589	11.00670	-6.50770	35.73880	1.05050
-8.275	[illegible]	-.03910	-.01030	-.00560	.03390	-.01510	8.83649	11.02212	-5.13540	-1.65720	1.05140
-7.939	4.[illegible]	-.02450	-.01120	-.00260	.03940	-.01430	8.88573	11.02799	-6.45560	-36.11790	1.04930
-7.698	6.[illegible]	-.01330	-.01100	-.00070	.04360	-.01360	8.92333	11.03313	-7.76130	-47.78970	1.04980
	GRADIENT	.00294	-.00005	.00058	.00513	.00036	.04561	.00261	.01162	-8.76444	-.00014

RUN NO. 2008/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.198	-6.171	.00030	-.00180	.00130	-.02010	-.02260	8.37664	10.96705	-6.41140	65.32960	1.05000
-4.443	-4.122	-.00010	-.00150	.00140	-.01340	-.01960	8.42876	10.98907	-4.70140	55.54010	1.05000
-4.086	.182	.02270	.00310	.00570	.01900	-.01800	8.70310	11.00082	-2.09000	.31550	1.05010
-3.989	4.299	.05030	.00370	.01080	.02690	-.01750	8.77382	11.00450	-4.67420	-55.05460	1.04900
-3.583	6.239	.06930	.00430	.01440	.02740	-.01920	8.77830	10.99201	-6.29200	-65.68010	1.04970
	GRADIENT	.00598	.00062	.00112	.00481	.00025	.04115	.00184	.00776	-13.13064	-.00012

RUN NO. 2009/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.034	-6.384	.04950	.00770	.01020	-.01650	-.02390	8.40465	10.95750	-6.00680	90.02460	1.05020
-.038	-4.408	.05690	.00970	.01160	-.01710	-.02310	8.39998	10.96337	-4.04940	90.01110	1.04940
-.048	-.189	.08420	.01490	.01680	.00260	-.02180	8.55628	10.97292	.13140	89.95720	1.04990
.054	3.654	.12010	.01710	.02260	.01030	-.02990	8.62521	10.91344	3.94110	89.91670	1.04930
.196	5.706	.14240	.01730	.02620	.01040	-.03720	8.62611	10.85984	5.97730	89.90320	1.04950
	GRADIENT	.00782	.00092	.00136	.00342	-.00082	.02809	-.00606	.99110	-.01173	-.00001

RUN NO. 2010/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.219	-5.675	.11600	.01880	.02290	-.02320	-.03270	8.35253	10.89288	6.92100	-61.55890	1.04960
3.884	-3.682	.12420	.02020	.02410	-.02360	-.03060	8.34941	10.90830	5.23200	-51.16110	1.05050
4.108	.189	.15290	.02550	.02830	.00240	-.03340	8.55449	10.88774	4.08820	-.17890	1.05010
3.764	3.985	.18160	.02850	.03190	.01020	-.04300	8.62432	10.81724	5.40900	49.55340	1.05010
3.849	5.869	.19740	.02970	.03410	.01570	-.05230	8.67356	10.74895	6.92990	61.33930	1.04920
	GRADIENT	.00749	.00108	.00102	.00442	-.00161	.03591	-.01186	.02206	13.13674	-.00005

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M030) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2011/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.341	-6.049	-.05600	-.00920	-.00860	.00920	-.01710	8.61764	11.00397	-7.85220	47.28490	1.09910
-8.311	-3.956	-.05460	-.00950	-.00840	.02330	-.01650	8.74735	11.00849	-6.43550	36.28520	1.09910
-8.286	.369	-.04310	-.00900	-.00650	.05950	-.01420	9.08039	11.02585	-5.08390	-1.77840	1.09990
-7.957	4.284	-.02350	-.00930	-.00270	.06810	-.01430	9.15950	11.02509	-6.45860	-36.27130	1.09860
-7.700	6.295	-.01010	-.00950	-.00030	.07020	-.01270	9.17882	11.03717	-7.74630	-47.93600	1.10010
	GRADIENT	.00375	.00003	.00069	.00549	.00027	.05049	.00205	.00270	-8.80530	-.00006

RUN NO. 2012/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.152	-6.178	-.00210	.00030	.00070	-.00540	-.01860	8.48983	10.99265	-6.39540	65.68640	1.09920
-4.462	-4.136	-.00240	.00020	.00070	.01010	-.01730	8.62592	11.00246	-4.70240	55.77010	1.10060
-4.085	.185	.02200	.00480	.00540	.04610	-.01720	8.95711	11.00321	-2.07310	.30930	1.09940
-4.011	4.302	.05370	.00490	.01140	.05290	-.01650	9.01967	11.00849	-4.68630	-54.79700	1.09930
-3.563	6.265	.07480	.00470	.01520	.05270	-.02450	9.01783	10.94813	-6.31610	-65.63840	1.10040
	GRADIENT	.00664	.00056	.00127	.00510	.00009	.04691	.00071	.00691	-13.10142	-.00016

RUN NO. 2013/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.088	-6.326	.05130	.01020	.01030	-.00910	-.02030	8.46026	10.97982	-5.95160	90.22660	1.10000
-.029	-4.397	.06010	.01160	.01210	-.00080	-.01770	8.52661	10.99944	-4.04120	90.03800	1.09950
-.071	-.173	.08500	.01470	.01700	.03150	-.02520	8.82279	10.94284	.14730	89.94370	1.10040
.013	3.598	.11820	.01680	.02200	.04060	-.03430	8.90651	10.87418	3.88670	89.94370	1.09930
.117	5.683	.13540	.01710	.02480	.03880	-.04020	8.88995	10.82966	5.95530	89.95720	1.09960
	GRADIENT	.00724	.00065	.00124	.00523	-.00207	.04797	-.01562	.99160	-.01201	-.00002

RUN NO. 2014/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.224	-5.669	.10950	.02010	.02150	-.01400	-.02970	8.42109	10.90889	6.91770	-61.72600	1.09950
3.904	-3.675	.11930	.02150	.02320	-.00750	-.02990	8.47305	10.90738	5.22540	-51.30050	1.09970
4.113	.188	.15400	.02600	.02830	.01320	-.04160	8.65444	10.81909	4.08710	-.15820	1.10050
3.790	3.983	.18200	.02730	.03220	.01730	-.05300	8.69216	10.73307	5.42430	49.47420	1.10000
4.108	5.943	.20100	.02900	.03480	.01550	-.05900	8.67560	10.68779	7.10700	60.17830	1.10010
	GRADIENT	.00819	.00076	.00118	.00324	-.00302	.02867	-.02276	.02499	13.15947	.00004

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M031) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1631/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.094	-6.138	-.07930	-.00390	-.01330	.01390	.06060	10.35344	-1.23759	-7.75310	48.79010	1.15490
-8.371	-3.990	-.07710	-.00500	-.01280	.02290	.05950	10.49621	-1.24840	-6.44830	36.49380	1.15080
-8.265	.335	-.06350	-.00540	-.01080	.04870	.05920	10.77359	-1.25135	-5.03530	-1.48160	1.15110
-8.061	4.304	-.04600	-.00670	-.00790	.05480	.06080	10.83917	-1.23563	-6.48250	-36.37580	1.15020
-7.733	6.315	-.03040	-.00760	-.00520	.05680	.05950	10.86068	-1.24840	-7.71910	-48.34000	1.15150
	GRADIENT	.00374	-.00020	.00059	.00388	.00015	.04169	.00151	.00081	-8.78648	-.00007

RUN NO. 1632/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.147	-6.188	-.02440	.00530	-.00430	.00110	.05980	10.26183	-1.24545	-6.38310	65.95750	1.15260
-4.179	-4.121	-.01740	.00620	-.00320	.01200	.06230	10.37902	-1.22089	-4.57090	57.56630	1.15190
-4.116	.184	.01190	.00870	.00160	.03850	.06390	10.66393	-1.20517	-2.08620	.29870	1.15040
-3.998	4.327	.04200	.00690	.00690	.04900	.04900	10.77682	-1.35156	-4.67600	-55.43070	1.14940
-3.597	6.285	.06270	.00600	.01050	.04880	.03550	10.77467	-1.48420	-6.31690	-65.97240	1.15090
	GRADIENT	.00703	.00009	.00120	.00439	-.00156	.04721	-.01534	-.00859	-13.37542	-.00030

RUN NO. 1633/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.020	-6.399	.03600	.01500	.00560	-.00660	.05900	10.18834	-1.25331	-6.02270	90.01100	1.14950
-.083	-4.215	.04770	.01700	.00770	.00560	.05970	10.31021	-1.24643	-3.85750	89.95720	1.15010
-.105	-.201	.07960	.01980	.01300	.03240	.04630	10.59834	-1.37809	.12080	89.95720	1.15010
-.029	3.678	.11190	.01930	.01830	.03990	.02560	10.67898	-1.58147	3.96440	89.93020	1.15150
.099	5.702	.13200	.01860	.02140	.03840	.01230	10.66285	-1.71215	5.97200	89.93020	1.14990
	GRADIENT	.00813	.00029	.00134	.00436	-.00432	.04687	-.04240	.99111	-.00340	.00018

RUN NO. 1634/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.295	-5.626	.10450	.02560	.01760	-.00970	.03880	10.15938	-1.45178	6.92120	-61.16900	1.15340
4.110	-3.675	.11740	.02670	.01980	-.00430	.03290	10.20983	-1.50975	5.36000	-49.76110	1.14980
3.975	.197	.14880	.02960	.02460	.01880	.01510	10.45213	-1.68464	3.97470	-.14670	1.15150
3.801	3.949	.17770	.03000	.02880	.02250	-.00360	10.49191	-1.86475	5.40810	49.04210	1.15190
3.879	5.837	.19210	.02910	.03100	.01980	-.01410	10.46288	-1.95734	6.92460	61.02410	1.15320
	GRADIENT	.00791	.00043	.00118	.00353	-.00479	.03713	-.04656	.00439	12.95891	.00028

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M032) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1635/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.341	-6.127	-.07530	-.00250	-.01260	.02730	.05950	10.51502	-1.30514	-7.83100	48.02670	1.24850
-8.380	-3.986	-.07120	-.00330	-.01180	.03410	.05770	10.58104	-1.32111	-8.39520	36.72390	1.25080
-8.297	.370	-.05110	-.00570	-.00860	.05000	.05890	10.73539	-1.31047	-4.99300	-1.75740	1.25270
-8.008	4.324	-.03290	-.00950	-.00520	.05170	.04840	10.75189	-1.40362	-6.40520	-36.91260	1.25080
-7.743	6.339	-.02240	-.01170	-.00360	.04980	.03960	10.73345	-1.48169	-7.70010	-48.64650	1.25050
	GRADIENT	.00461	-.00074	.00079	.00214	-.00110	.02081	-.00972	.00426	-8.86137	.00001

RUN NO. 1636/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.021	-6.101	-.01370	.00600	-.00220	.01250	.05860	10.37135	-1.31313	-6.25570	66.61340	1.24950
-4.201	-4.115	-.00760	.00590	-.00110	.02320	.05650	10.47522	-1.33176	-4.55870	57.66680	1.25190
-4.114	.195	.02470	.00530	.00430	.04220	.04440	10.65967	-1.43910	-2.06130	.19640	1.25090
-4.005	4.326	.04810	.00140	.00810	.04170	.02240	10.65482	-1.63428	-4.66280	-55.58400	1.25010
-3.612	6.292	.06320	-.00030	.01050	.03840	.01400	10.62278	-1.70880	-6.31290	-66.18120	1.24980
	GRADIENT	.00661	-.00053	.00109	.00221	-.00403	.02143	-.03576	-.00807	-13.41616	-.00021

RUN NO. 1637/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.024	-6.366	.04820	.01460	.00820	.00210	.04620	10.27039	-1.42313	-5.98350	90.03800	1.24900
-.073	-4.234	.05970	.01550	.01020	.01490	.03870	10.39465	-1.48967	-3.87070	89.94370	1.24980
-.067	-.221	.09240	.01640	.01540	.03480	.02290	10.58783	-1.62984	.10520	89.97060	1.25210
-.007	3.671	.11870	.01420	.01920	.03470	.00410	10.58686	-1.79663	3.96120	89.94370	1.24900
.100	5.711	.13160	.01280	.02110	.02810	-.00200	10.52279	-1.84893	5.98300	89.93020	1.25200
	GRADIENT	.00747	-.00016	.00114	.00252	-.00437	.02444	-.03881	.99082	.00003	-.00010

RUN NO. 1638/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.208	-5.636	.11530	.02460	.01950	.00000	.01700	10.25000	-1.68218	6.88790	-61.78170	1.24910
4.101	-3.667	.12690	.02520	.02150	.00560	.01000	10.30436	-1.74428	5.34910	-49.83770	1.24800
3.997	.207	.15460	.02670	.02540	.02300	-.00400	10.47328	-1.86485	3.97630	-.14450	1.24860
3.777	3.960	.17900	.02520	.02870	.01670	-.01720	10.41212	-1.96996	5.38620	49.43820	1.24920
3.845	5.840	.18870	.02380	.03010	.00780	-.02140	10.32572	-2.00340	6.90900	61.21030	1.24870
	GRADIENT	.00683	.00000	.00094	.00147	-.00357	.01428	-.02960	.00295	13.01470	.00016

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (S8M033) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1639/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.276	-6.081	-.06000	-.00330	-.00970	.04290	.05610	10.68178	-1.31700	-7.68510	49.00610	1.40200
-8.422	-3.961	-.05710	-.00430	-.00930	.04390	.05100	10.69185	-1.36391	-6.31590	37.29930	1.40180
-8.310	.391	-.03940	-.00920	-.00650	.04580	.03620	10.71097	-1.50004	-4.90110	-1.53320	1.40320
-8.054	4.358	-.02810	-.01250	-.00480	.04040	.02120	10.65662	-1.63801	-6.35100	-37.27510	1.40180
-7.708	6.359	-.02090	-.01340	-.00380	.03550	.01510	10.60730	-1.69411	-7.63010	-49.23170	1.40310
	GRADIENT	.00350	-.00099	.00054	-.00041	-.00358	-.00410	-.03292	.00111	-8.96388	.00001

RUN NO. 1640/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.233	-6.172	-.00590	.00410	-.00060	.03100	.03960	10.56201	-1.46877	-6.32590	66.94130	1.40240
-4.248	-4.129	.00300	.00370	.00080	.03270	.03000	10.57912	-1.55707	-4.53350	58.77240	1.40270
-4.125	.235	.03340	-.00010	.00540	.03300	.01380	10.58214	-1.70607	-1.98850	.32870	1.40340
-4.013	4.349	.03960	-.00570	.00630	.02570	-.00020	10.50867	-1.83465	-4.63860	-56.01570	1.40250
-3.602	6.274	.04800	-.00680	.00760	.01820	-.00300	10.43318	-1.85777	-6.25370	-66.69620	1.40220
	GRADIENT	.00434	-.00111	.00065	-.00082	-.00356	-.00822	-.03276	-.00640	-13.53838	-.00002

RUN NO. 1641/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.155	-6.413	.05030	.01200	.00870	.01430	.02430	10.39393	-1.60949	-6.00870	90.02450	1.40120
-.245	-4.234	.06180	.01190	.01060	.02150	.01540	10.46639	-1.69135	-3.85040	89.94370	1.40290
-.220	-.222	.08970	.00990	.01450	.01940	.00170	10.44526	-1.81736	.12140	89.94370	1.40320
-.173	3.658	.10490	.00510	.01650	.00860	-.00830	10.33656	-1.90152	3.96170	89.91670	1.40000
-.092	5.693	.11280	.00340	.01770	-.00060	-.01060	10.24475	-1.92051	5.97750	89.94370	1.40280
	GRADIENT	.00547	-.00086	.00075	-.00163	-.00301	-.01639	-.02666	.98986	-.00340	-.00036

RUN NO. 1645/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.120	-5.675	.12120	.02250	.01950	.00330	-.00300	10.28321	-1.85777	6.88450	-62.89570	1.39910
4.144	-3.634	.13450	.02310	.02160	.00470	-.00870	10.29730	-1.90482	5.36000	-49.67750	1.40280
3.984	.244	.15880	.02210	.02470	.00270	-.01570	10.27717	-1.96261	3.99780	-.17450	1.40250
3.717	3.976	.17390	.01850	.02650	-.01400	-.02100	10.12756	-2.00636	5.39390	49.17170	1.40410
3.983	5.936	.18390	.01750	.02800	-.02150	-.02380	10.06197	-2.02948	7.06820	60.13530	1.40000
	GRADIENT	.00518	-.00060	.00064	-.00244	-.00162	-.02219	-.01335	.00213	12.98774	.00017

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M034) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1646/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.476	-6.052	-.04320	-.00270	-.00760	.04510	.03740	10.67296	-1.51247	-7.87400	47.68820	1.55300
-8.492	-3.898	-.03750	-.00340	-.00700	.04330	.03180	10.65608	-1.56046	-8.45540	36.32120	1.55310
-8.388	.466	-.02560	-.00850	-.00520	.03140	.01940	10.54448	-1.66673	-5.10890	-1.44280	1.55400
-7.979	4.446	-.01690	-.01100	-.00410	.02420	.01060	10.47695	-1.74215	-6.44530	-36.73830	1.55130
-7.726	6.446	-.01280	-.01200	-.00350	.01880	.00930	10.42631	-1.75330	-7.76310	-48.29820	1.55210
	GRADIENT	.00247	-.00091	.00035	-.00230	-.00255	-.02153	-.02182	.00616	-8.75395	-.00021

RUN NO. 1647/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.399	-6.182	.00890	.00360	.00110	.03160	.02140	10.51635	-1.64959	-6.38920	66.11440	1.55250
-4.387	-4.098	.01550	.00230	.00190	.02620	.01470	10.49571	-1.70702	-4.55770	57.92530	1.55310
-4.226	.319	.03080	-.00270	.00390	.01230	.00030	10.36535	-1.83043	-2.04600	.21670	1.55310
-3.944	4.429	.03640	-.00620	.00440	.00240	-.00770	10.27251	-1.89223	-4.64460	-56.00880	1.55020
-3.575	6.356	.04410	-.00710	.00550	-.00660	-.00930	10.19622	-1.90454	-6.29380	-66.32040	1.54980
	GRADIENT	.00246	-.00100	.00030	-.00280	-.00264	-.02622	-.02180	-.00300	-13.35682	-.00034

RUN NO. 1648/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.304	-6.476	.05860	.01080	.00930	.01440	.00700	10.38505	-1.77301	-6.01670	90.01100	1.55060
-.364	-4.295	.06950	.01040	.01080	.01300	.00010	10.37192	-1.83214	-3.85300	89.97060	1.55190
-.384	-.283	.08600	.00530	.01290	-.00230	-.00980	10.23126	-1.90838	.12590	89.91670	1.55250
-.342	3.576	.09520	.00090	.01390	-.01520	-.01570	10.12614	-1.95377	3.95200	89.97060	1.55190
-.272	5.621	.09890	-.00030	.01460	-.02100	-.01830	10.07887	-1.97377	5.97640	89.88980	1.55000
	GRADIENT	.00327	-.00121	.00039	-.00358	-.00201	-.03125	-.01548	.99157	-.00009	.00000

RUN NO. 1649/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.247	-5.525	.11660	.02040	.01850	.00000	-.01240	10.25000	-1.92838	6.96460	-60.73730	1.54820
4.136	-3.541	.12880	.01970	.02050	-.00530	-.01940	10.20681	-1.98223	5.45300	-48.58380	1.55000
3.791	.327	.14810	.01570	.02290	-.01970	-.02180	10.08947	-2.00069	4.04640	-.13750	1.55030
3.679	4.002	.16050	.01170	.02440	-.03510	-.02530	9.96397	-2.02761	5.54490	47.48660	1.55140
3.691	5.854	.16340	.00980	.02490	-.04170	-.02750	9.91019	-2.04454	7.00360	59.79110	1.55150
	GRADIENT	.00421	-.00106	.00052	-.00395	-.00078	-.03218	-.00601	.00889	12.73451	.00018

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M035) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1528/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.084	-7.877	-.02390	-.01240	-.00250	.00740	.00850	10.29491	4.81414	-9.90190	51.79590	.59990
-8.155	-3.668	-.03080	-.01270	-.00360	.01270	.00970	10.32708	4.82080	-7.06550	31.64020	.60100
-7.925	.345	-.03070	-.01330	-.00370	.02290	.01120	10.38898	4.82912	-5.83060	-1.37390	.60100
-7.642	4.240	-.02570	-.01270	-.00240	.02640	.01170	10.41022	4.83189	-7.06950	-33.86190	.60040
-7.707	8.183	-.02920	-.01460	-.00220	.02890	.01210	10.42540	4.83411	-9.96980	-51.95150	.60010
	GRADIENT	.00064	-.00000	.00015	.00174	.00025	.01054	.00141	.00105	-8.28326	-.00008

RUN NO. 1529/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.217	-8.003	.01460	-.00300	.00380	.00550	.00830	10.28338	4.81303	-8.41140	68.72390	.60040
-4.263	-3.780	.01370	-.00180	.00340	.00950	.00960	10.30766	4.82024	-4.70100	52.42930	.60090
-3.895	.182	.02110	.00030	.00470	.02060	.01030	10.37502	4.82413	-2.37100	.37450	.60110
-3.857	4.142	.03010	.00210	.00650	.02430	.00990	10.39748	4.82191	-4.82520	-52.85010	.60040
-3.787	8.144	.03320	.00160	.00790	.02570	.00940	10.40598	4.81914	-8.43830	-68.27930	.59940
	GRADIENT	.00207	.00049	.00039	.00187	.00004	.01134	.00021	-.01565	-13.28848	-.00006

RUN NO. 1530/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.180	-8.340	.05490	.00730	.01030	.00360	.00530	10.27185	4.79640	-8.11770	90.18930	.59890
-.271	-4.286	.05840	.00930	.01070	.00630	.00660	10.28824	4.80361	-4.08290	90.14890	.59930
-.277	-.259	.06370	.01180	.01160	.01760	.00680	10.35682	4.80471	-.07660	90.13550	.59940
-.241	3.736	.07360	.01400	.01330	.02260	.00600	10.38716	4.80028	3.89890	90.12200	.60040
-.154	7.758	.08150	.01550	.01530	.02450	.00480	10.39869	4.79362	7.90490	90.08160	.60240
	GRADIENT	.00189	.00059	.00032	.00203	-.00007	.01234	-.00041	.99503	-.00335	.00014

RUN NO. 1531/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.219	-7.787	.10600	.02010	.01890	.00190	.00160	10.26153	4.77587	8.84460	-65.78800	.60230
4.233	-3.881	.11680	.02390	.02080	.00610	.00230	10.28702	4.77976	5.82930	-45.64030	.60100
4.241	.191	.12930	.02800	.02270	.01820	.00150	10.36046	4.77532	4.56230	-.11290	.60000
3.872	4.126	.13680	.02980	.02400	.02150	.00020	10.38049	4.76811	5.78750	45.44480	.60060
3.860	7.959	.14540	.03130	.02620	.02220	-.00290	10.38473	4.75256	8.88110	65.16190	.60140
	GRADIENT	.00250	.00074	.00040	.00193	-.00026	.01171	-.00145	-.00700	11.37483	-.00005

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (S8M035) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1532/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
8.216	-7.684	.14750	.02980	.02600	.00090	-.00390	10.25546	4.74759	10.88580	-47.89050	.60160
8.244	-3.814	.16760	.03540	.02960	.00610	-.00600	10.28702	4.73713	8.75130	-28.24910	.60150
8.171	.204	.18240	.04040	.03210	.01300	-.00770	10.32890	4.72867	7.91400	-.00040	.60050
7.982	4.165	.19620	.04380	.03440	.01660	-.01040	10.35075	4.71523	8.72630	28.18970	.60050
7.966	8.027	.21020	.04670	.03740	.01800	-.01390	10.35924	4.69781	10.98900	47.70630	.60180
	GRADIENT	.00358	.00105	.00060	.00132	-.00055	.00799	-.00274	-.00362	7.07323	-.00013

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (S8M036) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1536/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.221	-5.922	-.01770	-.01240	-.00320	-.01060	.00060	10.18019	4.77116	-8.16360	45.01980	.79750
-8.224	-3.802	-.01990	-.01220	-.00360	-.00770	.00160	10.19929	4.77808	-6.80010	33.54320	.79820
-8.073	.357	-.02170	-.01250	-.00390	.01230	.00530	10.34323	4.80371	-5.51070	-1.50330	.79920
-7.973	4.213	-.01620	-.01190	-.00290	.02120	.00630	10.41069	4.81064	-6.89620	-33.75030	.79760
-7.788	6.243	-.01190	-.01160	-.00200	.02450	.00660	10.42570	4.81272	-8.17360	-45.34070	.79980
	GRADIENT	.00045	.00004	.00009	.00362	.00059	.02648	.00409	-.00778	-8.39656	-.00007

RUN NO. 1537/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.284	-6.077	.02940	-.00110	.00410	-.00870	.00110	10.19270	4.77462	-6.48930	63.99040	.80010
-4.315	-3.948	.02920	-.00030	.00390	-.00740	.00250	10.20126	4.78432	-4.66060	54.25660	.80020
-3.995	.192	.03480	.00220	.00500	.01180	.00470	10.33944	4.79955	-2.22150	.26160	.79990
-3.936	4.257	.04630	.00450	.00690	.02070	.00500	10.40690	4.80163	-4.77580	-53.81820	.80000
-3.694	6.258	.05410	.00580	.00840	.02340	.00480	10.42736	4.80025	-6.48530	-64.17300	.79990
	GRADIENT	.00208	.00059	.00037	.00343	.00031	.02509	.00212	-.01219	-13.17078	-.00002

IA105A, AEDC PWT-TF470, O T S WO/SILTS (58M038) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1538/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.212	-6.442	.07950	.01110	.01170	-.00210	.00210	10.23617	4.78155	-6.10690	89.98720	.80000
-.263	-4.428	.07960	.01210	.01170	-.00480	.00360	10.21839	4.79194	-4.10370	90.00070	.80010
-.278	-.393	.08360	.01520	.01250	.01180	.00470	10.33944	4.79955	-.09550	89.97380	.80000
-.209	3.621	.09900	.01870	.01500	.02080	.00410	10.40765	4.79540	3.89300	89.96030	.80000
-.149	5.634	.10450	.01990	.01620	.02330	.00350	10.42660	4.79124	5.89520	89.93330	.79970
	GRADIENT	.00241	.00082	.00041	.00318	.00006	.02352	.00043	.99355	-.00502	-.00001

RUN NO. 1539/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.146	-5.695	.13760	.02530	.02140	.00040	.00060	10.25303	4.77116	7.02940	-59.96770	.80040
4.139	-3.776	.14190	.02720	.02230	-.00090	.00150	10.24407	4.77739	5.61090	-47.82080	.80010
4.108	.197	.15460	.03210	.02450	.01680	.00220	10.37734	4.78224	4.30790	-.18170	.79960
3.812	4.027	.16960	.03550	.02670	.02180	.00050	10.41523	4.77046	5.62180	47.01490	.79990
3.827	5.932	.17630	.03700	.02800	.02390	-.00080	10.43115	4.76203	7.09740	59.22080	.79970
	GRADIENT	.00355	.00106	.00056	.00292	-.00013	.02201	-.00087	-.00066	12.15288	-.00003

RUN NO. 1540/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
6.189	-5.705	.16280	.03090	.02590	.00150	-.00260	10.26137	4.75084	8.16760	-48.56620	.79960
6.107	-3.738	.17090	.03350	.02730	.00010	-.00200	10.25076	4.75457	6.91920	-36.56720	.79950
6.067	.214	.18410	.03890	.02910	.01290	-.00230	10.34778	4.75270	5.89190	-.02030	.79980
5.895	4.110	.19890	.04230	.03100	.01990	-.00870	10.40083	4.71291	6.97710	36.41830	.79980
5.749	5.950	.20230	.04290	.03160	.02240	-.01060	10.41978	4.70110	8.09090	48.64970	.80120
	GRADIENT	.00357	.00112	.00047	.00252	-.00085	.01913	-.00530	.00674	9.29941	.00004

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M037) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1541/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.126	-5.946	-.02720	-.01140	-.00500	-.01790	-.00620	10.12271	4.72538	-7.95080	46.42430	.89980
-8.206	-3.865	-.03030	-.01160	-.00550	-.01390	-.00430	10.15116	4.73814	-6.66270	34.68570	.89960
-8.124	.288	-.03260	-.01190	-.00560	.01410	-.00360	10.36539	4.74284	-5.34150	-.88230	.90020
-7.961	4.225	-.02390	-.01070	-.00410	.02520	.00020	10.45623	4.76850	-6.73190	-34.64290	.89970
-7.779	6.245	-.01850	-.01060	-.00310	.02520	.00130	10.45623	4.77672	-8.02870	-46.18370	.89990
	GRADIENT	.00078	.00011	.00017	.00485	.00055	.03783	.00373	-.00557	-8.56930	.00001

RUN NO. 1542/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.280	-6.083	.01780	-.00110	.00220	-.01440	.00260	10.14760	4.78644	-6.42910	64.57630	.90000
-4.300	-3.971	.01950	-.00040	.00240	-.01290	.00150	10.15827	4.77822	-4.60810	55.09080	.89950
-4.022	.188	.02720	.00310	.00390	.01920	.00080	10.40713	4.77298	-2.16210	.29290	.89980
-3.958	4.270	.04360	.00590	.00650	.02740	.00190	10.47423	4.78121	-4.73740	-54.30570	.89960
-3.701	6.259	.05180	.00710	.00800	.03050	.00350	10.49960	4.79318	-6.43010	-64.70210	.89960
	GRADIENT	.00292	.00076	.00050	.00490	.00005	.03840	.00036	-.01380	-13.27339	.00001

RUN NO. 1543/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.185	-6.421	.07020	.01050	.01030	-.01190	.00330	10.16538	4.79168	-6.06770	90.01420	.89970
-.247	-4.443	.07180	.01150	.01060	-.01480	.00640	10.14476	4.81486	-4.10320	89.97380	.90000
-.279	-.412	.07960	.01640	.01200	.01780	.00830	10.39567	4.82907	-.10090	89.97380	.89980
-.188	3.611	.10230	.02090	.01550	.03020	.01040	10.49715	4.84478	3.89250	89.94680	.90060
-.095	5.641	.11300	.02310	.01720	.03440	.01150	10.52152	4.85301	5.91060	89.93330	.90000
	GRADIENT	.00379	.00117	.00061	.00559	.00050	.04376	.00371	.99274	-.00335	.00007

RUN NO. 1544/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.131	-5.674	.13120	.02390	.02030	-.01050	.00650	10.17534	4.81561	6.98150	-60.42730	.89980
4.127	-3.764	.13850	.02620	.02130	-.01320	.00900	10.15614	4.83431	5.56050	-48.30840	.89930
4.092	.197	.15510	.03210	.02370	.01960	.00770	10.41040	4.82459	4.24520	-.14420	.90000
3.821	4.022	.17240	.03540	.02610	.02880	.00350	10.48569	4.79318	5.58790	47.51900	.89960
3.837	5.920	.17960	.03640	.02720	.03260	-.00080	10.51679	4.76163	7.06730	59.63690	.89950
	GRADIENT	.00435	.00118	.00062	.00541	-.00070	.04246	-.00527	.00153	12.30788	.00004

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M038) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1545/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.019	-5.962	-.03640	-.01030	-.00660	-.02690	.00020	10.05198	4.76855	-7.83480	47.21650	.94950
-8.253	-3.833	-.04130	-.01150	-.00730	-.02550	.00390	10.06228	4.79719	-6.56550	34.72890	.94990
-8.083	.388	-.03950	-.01060	-.00660	.00730	.00690	10.31185	4.82042	-5.23880	-1.95060	.95010
-7.950	4.239	-.02790	-.00980	-.00460	.01510	.00780	10.37793	4.82739	-6.65270	-35.12400	.95030
-7.798	6.265	-.02090	-.00960	-.00340	.02090	.00780	10.42707	4.82739	-7.97880	-46.60870	.95030
	GRADIENT	.00164	.00021	.00033	.00507	.00049	.03942	.00377	-.00560	-8.65440	.00005

RUN NO. 1546/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.260	-6.107	.01190	-.00080	.00130	-.01960	.00290	10.10572	4.78945	-6.41910	64.91910	.94980
-4.310	-3.990	.01280	-.00020	.00130	-.01650	.00760	10.12854	4.82584	-4.59590	55.39270	.94990
-4.014	.184	.02280	.00350	.00330	.00510	.01040	10.29321	4.84752	-2.11650	.32240	.94990
-3.978	4.288	.04220	.00630	.00640	.01430	.00980	10.37115	4.84287	-4.73740	-54.49380	.95000
-3.697	6.279	.05410	.00750	.00860	.02020	.01000	10.42113	4.84442	-6.43010	-64.92490	.94960
	GRADIENT	.00355	.00079	.00062	.00372	.00027	.02934	.00107	-.01535	-13.27413	.00001

RUN NO. 1547/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.132	-6.433	.06530	.01020	.00970	-.01690	.00190	10.12559	4.78171	-6.07170	90.01420	.95030
-.196	-4.442	.06680	.01080	.01000	-.01900	.00660	10.11013	4.81810	-4.09400	89.98720	.94940
-.211	-.415	.07820	.01510	.01220	-.00200	.01050	10.23528	4.84829	-.10020	89.97380	.95030
-.115	3.607	.10540	.01970	.01650	.00730	.00910	10.31185	4.83745	3.88820	89.94680	.95020
-.045	5.635	.11680	.02140	.01820	.01570	.00960	10.36301	4.84133	5.90290	89.90640	.95010
	GRADIENT	.00480	.00111	.00081	.00327	00031	.02506	.00241	.99176	-.00502	.00010

RUN NO. 1548/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.181	-5.626	.13030	.02220	.02100	-.01660	-.00180	10.12780	4.75449	6.92920	-60.49690	.94980
4.132	-3.757	.13600	.02370	.02190	-.01950	-.00060	10.10645	4.76283	5.51890	-48.72640	.94980
4.034	.192	.15450	.02910	.02440	-.00410	-.00240	10.21982	4.75032	4.20200	-.16620	.94980
3.816	4.002	.17830	.03320	.02740	.00590	-.00940	10.29998	4.70168	5.54950	47.74230	.94940
3.858	5.895	.19110	.03610	.02930	.01430	-.01500	10.37115	4.66277	7.02720	59.96680	.94900
	GRADIENT	.00545	.00123	.00071	.00328	-.00113	.02497	-.00785	.00189	12.43215	-.00005

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (S8M039) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1549/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.242	-6.026	-.06490	-.01030	-.01020	-.01890	.01420	10.10298	4.88318	-7.79680	47.48300	1.05010
-8.195	-3.873	-.06090	-.01020	-.00960	-.01320	.01710	10.14732	4.90690	-6.35180	35.96530	1.04910
-8.102	.374	-.04740	-.00890	-.00750	.02190	.01850	10.44606	4.91836	-5.01190	-1.92980	1.05020
-7.957	4.263	-.03130	-.00950	-.00480	.03010	.01850	10.51947	4.91836	-6.48530	-36.03740	1.04980
-7.791	6.294	-.02130	-.00960	-.00330	.03360	.01910	10.55081	4.92326	-7.81980	-47.60490	1.04960
	GRADIENT	.00363	.00009	.00059	.00537	.00017	.04612	.00143	-.01133	-8.85133	.00009

RUN NO. 1550/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.272	-6.180	-.00810	-.00010	-.00140	-.02060	.01400	10.08975	4.88154	-6.42710	65.20470	1.05040
-4.288	-3.994	-.00350	.00100	-.00070	-.01910	.01800	10.10142	4.91427	-4.52320	55.98930	1.05020
-4.012	.178	.02180	.00630	.00340	.01150	.02120	10.35295	4.94045	-2.03470	.36300	1.05000
-3.992	4.298	.05190	.00740	.00820	.01980	.02270	10.42726	4.95272	-4.67370	-55.09970	1.05020
-3.643	6.313	.07400	.00820	.01200	.02100	.01930	10.43800	4.92490	-6.38390	-65.59310	1.04960
	GRADIENT	.00668	.00077	.00107	.00470	.00057	.03934	.00464	-.01686	-13.39684	-.00000

RUN NO. 1551/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.004	-6.471	.04890	.01090	.00760	-.01530	.01230	10.13098	4.86763	-6.09480	90.00070	1.04980
-.093	-4.441	.05650	.01320	.00880	-.01630	.01750	10.12320	4.91017	-4.08290	89.97380	1.05080
-.094	-.414	.08550	.01900	.01380	.00170	.01960	10.26522	4.92736	-.09330	89.97380	1.04910
.000	3.621	.12450	.02130	.02000	.00860	.00960	10.32699	4.84554	3.90650	89.93330	1.05030
.144	5.633	.14770	.02180	.02370	.00920	-.00150	10.35236	4.75599	5.90180	89.90640	1.04940
	GRADIENT	.00843	.00100	.00139	.00309	-.00098	.02527	-.00802	.99097	-.00503	-.00006

RUN NO. 1552/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.255	-5.673	.12650	.02430	.02070	-.01820	.00330	10.10842	4.79400	6.95260	-61.19320	1.04960
4.115	-3.746	.13670	.02590	.02240	-.02080	.00350	10.08820	4.79563	5.43460	-49.77830	1.04970
4.019	.192	.16500	.03010	.02670	-.00140	-.00400	10.23911	4.73763	4.01960	-.17810	1.05010
3.871	3.980	.19410	.03300	.03060	.01070	-.01700	10.34579	4.64217	5.46960	48.64250	1.04940
3.898	5.868	.20950	.03400	.03290	.01500	-.02580	10.38429	4.57755	6.94820	61.02760	1.04980
	GRADIENT	.00743	.00092	.00106	.00408	-.00265	.03337	-.01983	.00211	12.73679	-.00004

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M040) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1553/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.267	-6.032	-.07100	-.00910	-.01100	-.00320	.01750	10.22442	4.91413	-7.77480	47.64870	1.09950
-8.217	-3.875	-.06890	-.00950	-.01060	.01010	.01720	10.34292	4.91161	-6.29760	36.28170	1.10210
-8.093	.375	-.05280	-.00830	-.00820	.04290	.01840	10.64467	4.92169	-4.93220	-1.93120	1.10070
-7.978	4.276	-.03250	-.00850	-.00500	.05110	.01830	10.72011	4.92085	-6.45920	-36.22560	1.10010
-7.740	6.333	-.01880	-.00870	-.00270	.05400	.01970	10.74675	4.93262	-7.80080	-47.98800	1.10070
	GRADIENT	.00446	.00013	.00069	.00507	.00014	.04665	.00115	-.01476	-8.89749	-.00025

RUN NO. 1560/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.330	-6.233	-.02150	-.00020	-.00220	-.01060	.01710	10.16527	4.91076	-6.46500	65.41880	1.09860
-4.174	-4.006	-.01480	.00110	-.00110	.00120	.01970	10.26104	4.93262	-4.46430	57.26820	1.09590
-3.906	.178	.01360	.00690	.00370	.03020	.02320	10.52783	4.96205	-1.93890	.43490	1.10350
-4.001	4.455	.04710	.00660	.00930	.03500	.02310	10.57199	4.96121	-4.81590	-55.73360	1.10010
-3.688	6.358	.06870	.00580	.01310	.03770	.01110	10.59683	4.86032	-6.43290	-65.34250	1.10120
	GRADIENT	.00732	.00065	.00123	.00398	.00040	.03665	.00336	-.04388	-13.35368	.00049

RUN NO. 1561/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.012	-6.409	.03840	.01120	.00750	-.01140	.01730	10.15887	4.91665	-6.03440	90.02770	1.10280
-.075	-4.396	.05050	.01340	.00950	-.00480	.02340	10.21163	4.96373	-4.04220	89.98720	1.09790
-.113	-.350	.07610	.01690	.01420	.02170	.01750	10.44963	4.91413	-.03020	89.98720	1.10050
-.030	3.704	.11170	.01860	.01930	.02890	.00310	10.51587	4.79306	3.98960	89.98720	1.09840
.116	5.852	.13230	.01920	.02320	.02600	-.00610	10.46919	4.72097	6.12110	89.96030	1.09830
	GRADIENT	.00756	.00064	.00127	.00416	-.00251	.03755	-.02107	.99149	.00000	.00006

RUN NO. 1562/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.246	-5.620	.10680	.02280	.01950	-.01320	.00810	10.14448	4.83510	6.90170	-61.30470	1.10150
4.110	-3.696	.11880	.02460	.02150	-.01060	.00590	10.16527	4.81660	5.37250	-49.91060	1.10100
3.896	.199	.14740	.02770	.02600	.00870	-.00670	10.32004	4.71644	3.92500	-.08110	1.09870
3.839	3.937	.17980	.02920	.03070	.01110	-.02350	10.35212	4.58967	5.42490	48.60650	1.10130
3.885	5.830	.19440	.02990	.03290	.01070	-.03080	10.34844	4.53459	6.92390	60.89870	1.10010
	GRADIENT	.00799	.00060	.00120	.00286	-.00385	.02460	-.02970	.00424	12.90647	.00003

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M041) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1563/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.307	-6.109	-.07830	-.00800	-.01110	.00970	.01990	10.35429	4.96252	-7.83060	47.87190	1.15110
-8.191	-3.915	-.06940	-.00810	-.00950	.01740	.01920	10.43707	4.95564	-6.32450	36.53340	1.14910
-8.185	.342	-.05520	-.00830	-.00750	.04060	.01800	10.68651	4.94385	-5.00160	-1.54400	1.15220
-8.015	4.313	-.03680	-.00940	-.00450	.04760	.01970	10.76176	4.96056	-6.48410	-36.42080	1.14770
-7.783	6.377	-.02220	-.01030	-.00200	.04960	.02060	10.78327	4.96940	-7.82760	-48.13430	1.14840
	GRADIENT	.00395	-.00016	.00061	.00369	.00006	.03969	.00056	-.01543	-8.86718	-.00016

RUN NO. 1564/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-5.953	-6.221	-.04330	-.00260	-.00570	.00180	.01830	10.26935	4.94680	-6.98320	57.36880	1.14800
-6.285	-4.045	-.04190	-.00330	-.00530	.01210	.01880	10.38009	4.95171	-5.40880	45.25750	1.14790
-6.197	.213	-.01940	-.00160	-.00180	.03760	.02050	10.65425	4.96842	-3.60230	-.16540	1.15310
-6.009	4.288	.00720	-.00260	.00300	.04440	.01970	10.72736	4.96058	-5.48330	-44.01700	1.15110
-5.909	6.366	.02080	-.00390	.00530	.04530	.01510	10.73704	4.91536	-7.10130	-55.07190	1.15200
	GRADIENT	.00589	.00009	.00099	.00389	.00011	.04184	.00108	-.00571	-13.71303	.00039

RUN NO. 1565/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.167	.206	.01790	.00560	.00430	.03320	.02610	10.60695	5.02344	-2.14500	-.16890	1.14730
-4.040	4.344	.04050	.00400	.00980	.04180	.01220	10.69941	4.88687	-4.72200	-54.96740	1.15110
-3.642	6.367	.07020	.00340	.01340	.04200	.00060	10.70156	4.77290	-6.41990	-65.69050	1.15220
	GRADIENT	.00739	-.00039	.00133	.00208	-.00336	.02234	-.03300	-.62272	-13.24179	.00092

RUN NO. 1566/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.013	-6.207	.04400	.01190	.00870	-.00710	.01840	10.18367	4.94778	-5.83340	90.05460	1.14990
-.059	-4.209	.05700	.01370	.01080	.00170	.02110	10.26828	4.97431	-3.85310	89.97380	1.15240
-.077	-.329	.08670	.01680	.01590	.02650	.00800	10.53491	4.84560	-.00700	89.98720	1.14730
.039	3.838	.12330	.01710	.02160	.03270	-.01150	10.60157	4.66559	4.12450	89.96030	1.15160
.172	5.826	.14100	.01670	.02430	.02990	-.02150	10.57147	4.57740	6.09690	89.96030	1.15410
	GRADIENT	.00825	.00042	.00134	.00382	-.00406	.04110	-.03842	.99133	-.00174	-.00009

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M041) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1567/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.284	-5.563	.11020	.02220	.02010	-.01320	.00110	10.12669	4.77781	6.86500	-60.90080	1.14700
4.113	-3.684	.12120	.02370	.02190	-.00870	-.00130	10.16872	4.75554	5.36700	-49.84790	1.15070
3.992	.196	.15560	.02700	.02730	.01190	-.01980	10.37794	4.59239	3.96110	-.18700	1.14900
3.798	3.931	.18340	.02810	.03100	.01510	-.03110	10.41235	4.49274	5.37250	49.14650	1.14770
3.872	5.832	.19750	.02760	.03310	.01470	-.03960	10.40804	4.41779	6.90610	61.15660	1.14990
	GRADIENT	.00817	.00058	.00120	.00314	-.00392	.03213	-.03456	-.00163	12.99794	-.00039

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M042) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1568/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.238	-6.092	-.06600	-.00480	-.00950	.02510	.01970	10.49367	4.94177	-7.76760	48.22480	1.25310
-8.307	-3.919	-.06220	-.00580	-.00880	.03120	.01910	10.55288	4.93645	-6.31850	36.56930	1.25300
-8.140	.350	-.04000	-.00800	-.00520	.04280	.01800	10.66549	4.92669	-4.91790	-1.55570	1.25320
-8.012	4.315	-.02500	-.01210	-.00260	.04490	.00900	10.68588	4.84684	-6.41790	-36.70660	1.24960
-7.758	6.417	-.01360	-.01410	-.00070	.04410	.00120	10.67811	4.77765	-7.80360	-48.64980	1.24920
	GRADIENT	.00453	-.00076	.00075	.00168	-.00121	.01628	-.01077	-.00772	-8.89915	-.00041

RUN NO. 1569/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.270	-6.214	-.00920	.00280	-.00010	.01180	.02110	10.36455	4.95419	-6.42490	65.69000	1.25380
-4.309	-4.041	.00040	.00300	.00160	.02100	.01830	10.45386	4.92935	-4.54520	56.46370	1.25410
-4.105	.197	.03240	.00280	.00690	.03710	.00540	10.61016	4.81491	-2.07660	.19890	1.25350
-4.026	4.355	.05570	-.00110	.01060	.03610	-.01390	10.60045	4.65632	-4.71500	-55.29480	1.25050
-3.659	6.375	.07050	-.00270	.01300	.03280	-.02300	10.56842	4.58386	-6.41890	-65.91330	1.25310
	GRADIENT	.00659	-.00049	.00107	.00180	-.00383	.01752	-.03250	-.01832	-13.31066	-.00043

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M042) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1570/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.005	-6.212	.05600	.01170	.01090	.00070	.00690	10.25680	4.82821	-5.83140	90.02770	1.25150
-.047	-4.195	.06850	.01300	.01300	.01290	.00230	10.37523	4.78740	-3.83330	89.98720	1.25300
-.037	-.339	.09830	.01430	.01760	.03050	-.01270	10.54609	4.66588	-.01190	89.97380	1.25330
.040	3.843	.12840	.01230	.02200	.02860	-.03040	10.52764	4.52494	4.13310	89.96030	1.25000
.148	5.821	.14090	.01070	.02380	.02210	-.03850	10.46454	4.46044	6.09360	89.94680	1.25020
	GRADIENT	.00745	-.00009	.00112	.00192	-.00407	.01863	-.03267	.99107	-.00334	-.00038

RUN NO. 1571/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.289	-5.563	.12250	.02240	.02180	-.00320	-.01730	10.22301	4.62925	6.85500	-61.06790	1.25090
4.098	-3.679	.13160	.02260	.02330	.00370	-.02300	10.28592	4.58386	5.34840	-50.05690	1.25100
3.967	.211	.16020	.02450	.02750	.01830	-.03640	10.42765	4.47716	3.92880	-.10270	1.25030
3.789	3.935	.18400	.02320	.03060	.01390	-.04610	10.38494	4.39993	5.36370	49.24740	1.25080
3.875	5.840	.19550	.02190	.03220	.00510	-.05160	10.29951	4.35613	6.91050	61.17090	1.25110
	GRADIENT	.00689	.00008	.00096	.00136	-.00304	.01318	-.02418	-.00072	13.04221	-.00003

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M043) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1573/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.262	-6.073	-.05440	-.00570	-.00750	.03710	.02380	10.62340	4.98591	-7.66070	49.16820	1.39780
-8.310	-3.897	-.04990	-.00670	-.00680	.03830	.01710	10.63548	4.92428	-6.20010	37.44680	1.39750
-8.124	.396	-.03090	-.01120	-.00390	.03990	-.00030	10.65159	4.76452	-4.78570	-1.60420	1.39780
-8.020	4.360	-.02120	-.01440	-.00250	.03730	-.01240	10.62542	4.66463	-6.36870	-37.18060	1.39830
-7.810	6.432	-.01500	-.01560	-.00160	.03320	-.01790	10.58415	4.61923	-7.75570	-48.97020	1.40160
	GRADIENT	.00349	-.00093	.00052	-.00011	-.00358	-.00115	-.03153	-.01559	-9.03943	.00010

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M043) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1575/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.287	-6.166	-.00020	.00170	.00140	.02740	.00580	10.52578	4.82035	-6.33460	66.73100	1.40210
-4.374	-4.036	.00770	.00120	.00270	.03000	-.00210	10.55194	4.74966	-4.49770	57.55550	1.40360
-4.114	.232	.03900	-.00230	.00750	.02960	-.02020	10.54792	4.60024	-1.99610	.38860	1.40430
-4.065	4.376	.04880	-.00730	.00880	.02410	-.03270	10.49256	4.49705	-4.70690	-55.30870	1.40120
-3.699	6.409	.05490	-.00900	.00990	.01610	-.03730	10.41204	4.45907	-6.41990	-66.23340	1.40240
	GRADIENT	.00490	-.00101	.00073	-.00070	-.00364	-.00703	-.03005	-.02182	-13.41677	-.00028

RUN NO. 1577/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.159	-6.360	.05590	.00980	.01070	.01190	-.00840	10.36977	4.69765	-5.95700	90.00070	1.40100
-.231	-4.245	.06720	.00990	.01250	.01860	-.01470	10.43721	4.64565	-3.86170	89.97380	1.40160
-.182	-.362	.09520	.00820	.01660	.01710	-.03000	10.42211	4.51934	-.01770	89.97380	1.40200
-.138	3.676	.11280	.00340	.01900	.00630	-.04120	10.31341	4.4265	3.98160	89.98720	1.40430
-.044	5.859	.12160	.00190	.02020	-.00360	-.04410	10.21852	4.40294	6.14210	89.97380	1.40280
	GRADIENT	.00575	-.00082	.00082	-.00156	-.00334	-.01570	-.02759	.99018	.00170	.00034

RUN NO. 1578/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.254	-5.587	.12210	.02000	.02140	.00200	-.03200	10.27013	4.50283	6.87050	-61.68060	1.40070
4.102	-3.647	.13310	.02030	.02320	.00430	-.03640	10.29328	4.46650	5.32760	-50.32860	1.40100
3.884	.245	.15940	.01940	.02660	.00280	-.04640	10.27818	4.38395	3.88890	-.19050	1.39940
3.769	3.962	.17610	.01590	.02870	-.01500	-.05270	10.11882	4.33194	5.39980	48.82970	1.39920
3.796	5.837	.18350	.01410	.02980	-.02190	-.05530	10.05847	4.31048	6.89720	60.98460	1.40030
	GRADIENT	.00566	-.00058	.00072	-.00252	-.00215	-.02278	-.01771	.00653	13.03073	-.00024

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M044) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = 8.000

RUN NO. 1579/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.428	-6.030	-.04360	-.00550	-.00590	.04120	.00950	10.63638	4.84842	-7.82460	47.88470	1.55070
-8.411	-3.855	-.03790	-.00610	-.00510	.04070	.00290	10.63170	4.79185	-6.37470	36.42550	1.55260
-8.231	.475	-.02520	-.01110	-.00330	.02980	-.01080	10.52947	4.68392	-4.99760	-1.55480	1.55380
-8.012	4.455	-.01700	-.01390	-.00220	.02390	-.01960	10.47414	4.61623	-6.47900	-36.55320	1.55300
-7.763	6.494	-.01170	-.01500	-.00140	.01660	-.02320	10.40568	4.58854	-7.83260	-48.20390	1.55230
	GRADIENT	.00252	-.00094	.00035	-.00203	-.00271	-.01903	-.02119	-.00770	-8.78154	.00005

RUN NO. 1580/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.462	-6.161	.00720	.00080	.00260	.03010	-.00650	10.53229	4.71700	-6.38470	65.81840	1.54980
-4.481	-4.016	.01350	-.00070	.00340	.02640	-.01470	10.49759	4.65392	-4.52800	56.88040	1.54720
-4.183	.312	.03130	-.00540	.00580	.01290	-.02930	10.37098	4.54162	-2.03500	.34930	1.55070
-3.959	4.439	.03680	-.00930	.00630	.00280	-.03920	10.27626	4.46546	-4.66750	-55.76840	1.54960
-3.646	6.504	.04500	-.01020	.00760	-.00670	-.04210	10.19540	4.44315	-6.45600	-66.19160	1.55140
	GRADIENT	.00277	-.00102	.00034	-.00279	-.00290	-.02620	-.02232	-.01169	-13.32231	.00029

RUN NO. 1581/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.308	-6.308	.05840	.00800	.01110	.01580	-.02110	10.39818	4.60469	-5.84950	90.06810	1.55270
-.386	-4.257	.06750	.00730	.01240	.01330	-.02760	10.37473	4.55469	-3.81500	89.94680	1.55290
-.375	-.423	.08520	.00260	.01470	-.00140	-.03990	10.23859	4.46008	-.01150	90.00070	1.55420
-.309	3.750	.09710	-.00210	.01610	-.01600	-.04730	10.11962	4.40316	4.12450	89.90640	1.55200
-.228	5.739	.10160	-.00310	.01700	-.02220	-.05030	10.00909	4.38008	6.09580	89.91980	1.55190
	GRADIENT	.00368	-.00117	.00046	-.00366	-.00245	-.03181	-.01885	.99156	-.00530	-.00012

RUN NO. 1582/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.311	-5.444	.11540	.01770	.02010	-.00200	-.03690	10.23370	4.48315	6.92500	-60.10700	1.55350
4.121	-3.564	.12640	.01690	.02200	-.00500	-.04340	10.20926	4.43316	5.45450	-48.99810	1.55240
3.859	.328	.15010	.01360	.02490	-.01820	-.05000	10.10169	4.38239	4.06840	-.14150	1.55020
3.633	3.975	.16170	.00880	.02630	-.03460	-.05510	9.96805	4.34316	5.48290	47.81430	1.55130
3.687	5.855	.16540	.00720	.02700	-.04120	-.05690	9.91427	4.32931	6.99510	59.95240	1.55110
	GRADIENT	.00470	-.00107	.00057	-.00392	-.00155	-.03195	-.01195	-.00026	12.83883	-.00015

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M045) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1619/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.240	-7.912	-.00440	-.01190	-.00060	.00570	-.00120	10.28459	8.91103	-10.02850	51.18770	.60190
-8.185	-3.736	-.00970	-.01190	-.00150	.01070	.00000	10.31494	8.91700	-7.15640	31.81590	.59910
-8.038	.306	-.01000	-.01270	-.00160	.02020	.00060	10.37260	8.92033	-5.92790	-.99110	.60250
-7.727	4.279	-.00230	-.01180	-.00010	.02340	.00060	10.39202	8.92033	-7.15340	-33.76120	.60060
-7.758	8.237	-.00750	-.01440	-.00010	.02520	.00070	10.40294	8.92088	-10.02850	-51.94130	.60110
	GRADIENT	.00092	.00001	.00017	.00159	.00008	.00963	.00042	.00127	-8.18231	.00019

RUN NO. 1620/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.206	-8.027	.03770	-.00160	.00610	.00380	-.00150	10.27306	8.90953	-8.44510	68.56400	.60050
-4.308	-3.801	.03680	-.00050	.00580	.00810	-.00070	10.29916	8.91352	-4.75640	51.98670	.60140
-3.970	.188	.04400	.00120	.00710	.01830	-.00030	10.36106	8.91551	-2.44550	.22550	.60180
-3.891	4.170	.05320	.00300	.00890	.02140	-.00080	10.37988	8.91302	-4.86240	-52.74230	.60290
-3.606	8.284	.05930	.00310	.01080	.02250	-.00160	10.38655	8.90904	-8.51500	-69.45150	.60210
	GRADIENT	.00206	.00044	.00039	.00167	-.00001	.01013	-.00006	-.01312	-13.13821	.00019

RUN NO. 1621/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.159	-8.356	.07970	.00860	.01300	.00240	-.00330	10.26457	8.90057	-8.12940	90.02460	.60230
-.251	-4.244	.08340	.01070	.01340	.00490	-.00260	10.27974	8.90406	-4.03710	89.95720	.60350
-.232	-.205	.09050	.01330	.01450	.01550	-.00270	10.34407	8.90356	-.02010	90.01110	.60230
-.195	3.811	.10010	.01530	.01620	.01970	-.00350	10.36956	8.89958	3.97620	89.95720	.60310
-.118	7.833	.10760	.01640	.01810	.02160	-.00470	10.38109	8.89360	7.97840	89.99760	.60190
	GRADIENT	.00207	.00057	.00035	.00184	-.00011	.01115	-.00056	.99475	.00001	-.00005

RUN NO. 1622/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.139	-7.742	.12990	.02090	.02150	.00080	-.00930	10.25486	8.87070	8.76180	-66.18120	.60070
4.234	-3.844	.14820	.02560	.02460	.00430	-.01000	10.27610	8.86722	5.76580	-45.71370	.59980
4.149	.192	.15570	.02860	.02570	.01500	-.01040	10.34104	8.86523	4.46180	-.06380	.59720
3.054	4.099	.16160	.03020	.02690	.01820	-.01100	10.36046	8.86224	5.74380	45.48440	.59750
3.907	7.946	.17250	.03230	.02930	.01880	-.01430	10.36410	8.84581	8.87560	65.01550	.59800
	GRADIENT	.00169	.00058	.00029	.00175	-.00013	.01065	-.00063	-.00453	11.48063	-.00029

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M046) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1614/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.343	-5.965	-.01000	-.01370	-.00160	-.01330	-.00330	10.16241	8.89648	-8.27530	44.65810	.79970
-8.266	-3.837	-.01090	-.01320	-.00180	-.00970	-.00160	10.18612	8.90705	-6.86700	33.51800	.80010
-8.188	.339	-.01350	-.01430	-.00210	.00820	.00050	10.31215	8.92046	-5.59400	-1.28810	.80000
-7.993	4.256	-.00610	-.01340	-.00070	.01760	.00140	10.38340	8.92670	-6.93410	-33.92160	.79810
-7.831	6.290	-.00280	-.01350	.00010	.02120	.00130	10.41069	8.92600	-8.22940	-45.36540	.79690
	GRADIENT	.00058	-.00003	.00013	.00338	.00037	.02444	.00244	-.00483	-8.33247	-.00024

RUN NO. 1615/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.336	-6.111	.03760	-.00240	.00610	-.01160	-.00280	10.17360	8.89959	-6.55230	63.54370	.79950
-4.330	-3.952	.03860	-.00150	.00610	-.01080	-.00180	10.17887	8.90581	-4.68870	53.91500	.79980
-4.067	.196	.04490	.00060	.00720	.00770	-.00050	10.30836	8.91389	-2.29940	.20080	.79940
-3.933	4.275	.05680	.00290	.00930	.01670	.00010	10.37658	8.91769	-4.78870	-53.89850	.79950
-3.722	6.330	.06410	.00390	.01080	.01860	-.00050	10.39098	8.91389	-6.55630	-64.23230	.79940
	GRADIENT	.00221	.00053	.00039	.00335	.00023	.02405	.00145	-.01048	-13.10471	-.00004

RUN NO. 1616/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.146	-6.236	.09020	.01010	.01430	-.00610	-.00400	10.20983	8.89213	-5.90270	90.06500	.79840
-.216	-4.130	.09080	.01140	.01430	-.00890	-.00230	10.19139	8.90270	-3.80790	89.97060	.80030
-.224	-.317	.09640	.01430	.01530	.00780	-.00140	10.30912	8.90830	-.01910	89.97060	.80140
-.153	3.901	.11240	.01780	.01790	.01670	-.00220	10.37658	8.90332	4.17090	89.97060	.79700
-.060	5.831	.12140	.01960	.01970	.01860	-.00300	10.39098	8.89835	6.09030	89.97060	.79710
	GRADIENT	.00271	.00080	.00045	.00317	.00001	.02294	.00006	.99354	-.00000	-.00042

RUN NO. 1617/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.112	-5.654	.14980	.02410	.02440	-.00360	-.00750	10.22629	8.87037	6.95280	-60.34730	.80220
4.152	-3.747	.15510	.02600	.02540	-.00540	-.00690	10.21444	8.87410	5.57710	-47.71310	.79990
4.104	.201	.16750	.03050	.02760	.01220	-.00740	10.34247	8.87100	4.27890	-.08240	.80010
3.755	3.998	.18180	.03360	.02980	.01740	-.00950	10.38188	8.85794	5.54100	47.52980	.79820
3.690	5.851	.18640	.03480	.03060	.01870	-.01150	10.39174	8.84551	6.95170	59.96320	.79860
	GRADIENT	.00345	.00098	.00057	.00295	-.00033	.02169	-.00208	-.00680	12.29534	-.00022

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M046) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1618/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
6.137	-5.675	.17500	.02960	.02880	-.00190	-.01120	10.23749	8.84737	8.09340	-48.79280	.79730
6.030	-3.703	.18350	.03210	.03030	-.00390	-.01190	10.22431	8.84302	6.82380	-36.73140	.79680
6.019	.211	.19590	.03740	.03200	.00930	-.01460	10.32049	8.82623	5.82290	-.02940	.79770
5.844	4.071	.20910	.04070	.03360	.01570	-.01940	10.36900	8.79639	6.89830	36.48660	.79690
5.709	5.917	.21190	.04120	.03400	.01850	-.02090	10.39022	8.78707	8.01670	48.87650	.80110
	GRADIENT	.00329	.00111	.00042	.00252	-.00096	.01863	-.00599	.00897	9.41847	.00001

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M047) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1588/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.310	-6.000	-.01970	-.01160	-.00420	-.02010	-.00100	10.10707	8.91029	-8.12450	45.65720	.90010
-8.257	-3.857	-.02310	-.01200	-.00460	-.01520	-.00010	10.14191	8.91633	-6.70360	34.31560	.89950
-8.202	.340	-.02640	-.01260	-.00480	.00860	.00040	10.32038	8.91999	-5.41480	-1.39430	.89940
-8.003	4.262	-.01660	-.01190	-.00300	.01760	-.00010	10.39403	8.91633	-6.77580	-34.74440	.90020
-7.868	6.301	-.01310	-.01220	-.00210	.01800	-.00070	10.39731	8.91230	-8.09450	-46.25020	.90120
	GRADIENT	.00078	.00001	.00019	.00406	.00000	.03118	.00001	-.00520	-8.50495	.00008

RUN NO. 1589/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.271	-6.105	.02500	-.00150	.00340	-.01620	.00350	10.13480	8.94318	-6.46000	64.41560	.89940
-4.341	-3.998	.02520	-.00110	.00340	-.01500	.00450	10.14334	8.95065	-4.65940	54.73480	.89870
-4.088	.193	.03320	.00160	.00500	.01060	.00340	10.33675	8.94243	-2.21820	.19460	.90030
-3.967	4.281	.05040	.00420	.00800	.01920	.00180	10.40713	8.93046	-4.74220	-54.41390	.90090
-3.753	6.346	.05880	.00500	.00970	.02160	.00240	10.42677	8.93495	-6.51410	-64.83090	.90150
	GRADIENT	.00304	.00064	.00055	.00414	-.00033	.03192	-.00244	-.00754	-13.18263	.00027

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M047) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1590/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.117	-6.491	.07900	.00960	.01230	-.01400	.00050	10.15045	8.92074	-6.13780	90.01110	.89820
-.191	-4.145	.08170	.01110	.01270	-.01680	.00390	10.13054	8.94617	-3.80790	90.01110	.89930
-.213	-.312	.09180	.01500	.01460	.00890	.00140	10.32283	8.92747	-.00090	89.99760	.90320
-.159	3.697	.11390	.01920	.01810	.02340	.00290	10.44150	8.93869	3.97830	89.99760	.89740
-.059	5.872	.12550	.02120	.02010	.02460	.00210	10.45132	8.93271	6.13870	89.97060	.89840
	GRADIENT	.00412	.00103	.00069	.00511	-.00012	.03958	-.00092	.99288	-.00171	-.00025

RUN NO. 1591/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.240	-5.722	.14340	.02250	.02330	-.01400	-.00660	10.15045	8.87270	7.04410	-60.30550	.90020
4.161	-3.737	.15090	.02480	.02440	-.01660	-.00540	10.13196	8.88075	5.53770	-48.13800	.89900
4.069	.201	.16790	.02990	.02680	.01040	-.01170	10.33511	8.83846	4.20000	-.04750	.90080
3.745	3.947	.18160	.03300	.02860	.02090	-.01320	10.42104	8.82840	5.47640	47.63780	.89980
3.820	5.883	.19270	.03440	.03040	.02530	-.01840	10.45705	8.79349	7.00400	59.92020	.90420
	GRADIENT	.00400	.00107	.00055	.00490	-.00102	.03774	-.00685	-.01082	12.46215	.00011

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M040) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1592/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.094	-6.112	-.02750	-.01120	-.00490	-.03240	-.01620	10.01149	8.80443	-8.00350	47.42180	.95110
-8.246	-3.885	-.02910	-.01200	-.00510	-.02780	-.01070	10.04535	8.84265	-6.63450	34.85460	.94650
-8.212	.298	-.03220	-.01240	-.00520	-.00280	-.00430	10.22939	8.88712	-5.33020	-1.01350	.95130
-7.743	4.325	-.01550	-.01050	-.00220	.00350	-.00360	10.27965	8.89198	-6.59240	-36.38280	.95000
-7.936	6.324	-.01590	-.01160	-.00210	.01170	-.00390	10.34912	8.88990	-8.05850	-46.52890	.95300
	GRADIENT	.00164	.00018	.00035	.00383	.00087	.02864	.00604	.00711	-8.67645	.00043

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M048) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1593/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.268	-6.134	.02230	-.00180	.00350	-.02450	-.01350	10.06964	8.82318	-6.46000	64.72990	.94880
-4.334	-4.011	.02210	-.00160	.00340	-.02140	-.01080	10.09247	8.84195	-4.64120	55.08000	.94890
-4.100	.190	.03120	.00160	.00510	-.00520	-.00630	10.21172	8.87322	-2.19290	.20790	.95020
-3.974	4.296	.05020	.00420	.00820	.00550	-.00240	10.29660	8.90032	-4.74120	-54.58100	.94750
-3.742	6.349	.06060	.00550	.01020	.01000	-.00040	10.33472	8.91422	-6.50210	-64.92840	.94650
	GRADIENT	.00338	.00070	.00058	.00324	.00101	.02459	.00703	-.00977	-13.20003	-.00017

RUN NO. 1594/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.068	-6.221	.07720	.00910	.01240	-.02230	-.01510	10.08584	8.81207	-5.86250	90.03800	.94730
-.142	-4.175	.07880	.00990	.01270	-.02260	-.01290	10.08363	8.82736	-3.83180	89.98410	.94720
-.160	-.325	.08830	.01370	.01470	-.00910	-.00810	10.18301	8.86071	-.01150	89.99760	.94950
-.094	3.674	.11290	.01790	.01840	-.00060	-.00700	10.24558	8.86836	3.95570	90.01110	.94720
.016	5.891	.12820	.02050	.02070	.00840	-.00720	10.32116	8.86697	6.15750	89.95720	.94770
	GRADIENT	.00436	.00102	.00073	.00280	.00075	.02060	.00520	.99211	.00344	-.00000

RUN NO. 1595/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.168	-5.644	.14000	.02000	.02350	-.02230	-.02290	10.08584	8.75787	6.92390	-60.84870	.94930
4.140	-3.721	.14880	.02190	.02490	-.02720	-.02600	10.04977	8.73633	5.48510	-48.54200	.94600
3.995	.200	.16580	.02710	.02710	-.01060	-.03000	10.17197	8.70853	4.14500	-.01880	.94840
3.783	3.971	.18830	.03120	.02990	.00030	-.03160	10.25254	8.69741	5.48730	47.97630	.94670
3.844	5.873	.19800	.03260	.03130	.00880	-.03320	10.32455	8.68629	6.99290	60.09230	.94600
	GRADIENT	.00513	.00121	.00065	.00358	-.00073	.02640	-.00507	-.00198	12.54771	.00009

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M049) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1596/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.253	-6.059	-.05290	-.01100	-.00820	-.02080	-.00810	10.08820	8.85752	-7.87760	47.22010	1.05100
-8.285	-3.918	-.05230	-.01120	-.00800	-.01300	-.00520	10.14887	8.87882	-6.45700	35.76030	1.04710
-8.206	.341	-.04060	-.01040	-.00610	.01540	-.00350	10.38787	8.89130	-5.08230	-1.56090	1.05070
-7.985	4.303	-.02480	-.01140	-.00340	.02090	-.00330	10.43711	8.89277	-6.50410	-36.32010	1.04860
-7.819	6.370	-.01430	-.01130	-.00170	.02420	-.00260	10.46665	8.89791	-7.87760	-47.85940	1.05020
	GRADIENT	.00334	-.00002	.00056	.00416	.00023	.03532	.00171	-.00162	-8.76734	.00019

RUN NO. 1597/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.184	-6.146	.00220	-.00110	.00070	-.02440	-.00990	10.06019	8.84430	-6.38470	65.30110	1.05300
-4.355	-4.052	.00470	-.00040	.00110	-.02170	-.00610	10.08119	8.87221	-4.61390	55.59760	1.04940
-4.085	.183	.02920	.00480	.00510	.00530	-.00380	10.29745	8.88910	-2.09710	.24140	1.05060
-4.008	4.322	.05880	.00560	.01000	.01070	-.00260	10.34579	8.89791	-4.69580	-55.19390	1.04930
-3.664	6.373	.08000	.00630	.01370	.01090	-.00400	10.34758	8.88763	-6.43790	-65.70790	1.04980
	GRADIENT	.00646	.00072	.00106	.00388	.00042	.03167	.00307	-.00747	-13.23013	-.00001

RUN NO. 1598/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.067	-6.212	.06160	.01030	.01030	-.01880	-.01190	10.10375	8.82962	-5.84040	90.03800	1.05180
-.040	-4.189	.06860	.01240	.01140	-.02030	-.00790	10.09209	8.85899	-3.83530	89.97060	1.05000
-.034	-.327	.09780	.01810	.01640	-.00360	-.00610	10.22200	8.87221	-.00720	89.99760	1.04850
.041	3.848	.13340	.01980	.02200	-.00140	-.01410	10.23911	8.81346	4.13200	89.94370	1.05150
.203	5.823	.15960	.02040	.02630	.00210	-.02650	10.26880	8.72241	6.09250	89.94370	1.05070
	GRADIENT	.00807	.00091	.00132	.00233	-.00079	.01810	-.00578	.99128	-.00348	.00019

RUN NO. 1599/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.099	-5.594	.13460	.02270	.02280	-.02380	-.02040	10.06486	8.76720	6.79940	-62.07410	1.05060
4.130	-3.699	.14510	.02430	.02440	-.02720	-.01900	10.03841	8.77748	5.39000	-49.53820	1.05040
4.088	.196	.17180	.02860	.02850	-.00470	-.02460	10.21344	8.73636	4.05000	-.10180	1.05320
3.738	3.934	.19610	.03130	.03160	.00520	-.03230	10.29655	8.67982	5.35060	49.35900	1.05150
3.852	5.830	.21280	.03220	.03400	.00680	-.04330	10.31088	8.59904	6.88940	61.23900	1.05330
	GRADIENT	.00668	.00092	.00094	.00426	-.00174	.03390	-.01278	-.00756	12.95447	.00015

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M050) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1600/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.176	-6.122	-.05980	-.00960	-.00900	-.00480	-.00350	10.21163	8.89059	-7.83260	48.09870	1.09760
-8.311	-3.922	-.06090	-.01050	-.00920	.00810	-.00320	10.32452	8.89285	-6.40580	36.07670	1.09790
-8.183	.343	-.04640	-.00950	-.00700	.03460	-.00240	10.56831	8.89889	-5.00370	-1.58430	1.10120
-8.029	4.314	-.02830	-.01040	-.00390	.04130	-.00260	10.62995	8.89738	-6.50110	-36.37580	1.09820
-7.781	6.381	-.01300	-.01020	-.00140	.04390	-.00110	10.65387	8.90870	-7.85160	-48.06840	1.09620
	GRADIENT	.00395	.00001	.00064	.00406	.00007	.03733	.00056	-.00739	-8.79790	.00005

RUN NO. 1602/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.174	-6.179	-.00240	.00050	.00010	-.01520	-.00520	10.12849	8.87776	-6.40280	65.54370	1.09810
-4.379	-4.037	-.00170	.00050	.00020	-.00300	-.00320	10.22602	8.89285	-4.58460	55.77010	1.09940
-4.103	.185	.02440	.00560	.00450	.02660	-.00250	10.49471	8.89814	-2.09040	.24580	1.09710
-4.031	4.326	.06020	.00640	.01050	.03100	-.00120	10.53519	8.90795	-4.71090	-54.90140	1.09960
-3.635	6.387	.08390	.00600	.01460	.03100	-.00960	10.53519	8.84456	-6.44690	-65.68010	1.10020
	GRADIENT	.00740	.00071	.00123	.00407	.00024	.03705	.00180	-.01314	-13.23257	.00002

RUN NO. 1603/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.067	-6.218	.06000	.01210	.01000	-.01580	-.00640	10.12370	8.86871	-5.84750	90.05150	1.10020
-.029	-4.166	.07210	.01410	.01210	-.00900	-.00250	10.17806	8.89814	-3.81500	89.95720	1.09680
-.064	-.340	.09590	.01760	.01640	.01680	-.00780	10.40456	8.85814	-.01890	90.01110	1.10000
.028	3.866	.13170	.01890	.02200	.02170	-.01910	10.44963	8.77287	4.15140	89.91670	1.09720
.139	5.824	.14840	.01940	.02470	.01990	-.02550	10.43308	8.72458	6.09470	89.94370	1.10230
	GRADIENT	.00744	.00059	.00123	.00378	-.00208	.03343	-.01567	.99178	-.00533	.00004

RUN NO. 1604/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.108	-5.596	.12280	.02290	.02110	-.01890	-.01520	10.09892	8.80230	6.79940	-62.31080	1.09920
4.150	-3.692	.13700	.02520	.02340	-.01530	-.01550	10.12769	8.80004	5.37350	-49.79590	1.09910
4.070	.193	.16690	.02850	.02810	.00220	-.02810	10.27024	8.70496	4.03380	-.13880	1.09750
3.761	3.932	.19530	.02940	.03210	.00490	-.04150	10.29508	8.60385	5.36700	49.30860	1.09920
3.844	5.831	.20990	.03010	.03430	.00390	-.04730	10.28588	8.56008	6.90280	61.23900	1.09740
	GRADIENT	.00765	.00055	.00114	.00266	-.00341	.02205	-.02572	-.00310	12.99708	.00001

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M051) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1605/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.237	-6.085	-.05820	-.00710	-.00910	.00550	-.00190	10.30913	8.90024	-7.82960	47.60900	1.15290
-8.246	-3.928	-.05180	-.00760	-.00790	.01390	-.00250	10.39944	8.89495	-6.39380	36.18450	1.15010
-8.235	.340	-.03890	-.00800	-.00590	.03640	-.00320	10.64135	8.88878	-5.04800	-1.50720	1.15290
-8.011	4.316	-.02150	-.00940	-.00310	.04280	-.00230	10.71016	8.89672	-6.48310	-36.46650	1.14900
-7.828	6.401	-.00680	-.01060	-.00060	.04390	-.00140	10.72198	8.90465	-7.81660	-48.16590	1.15320
	GRADIENT	.00367	-.00022	.00058	.00353	.00002	.03792	.00019	-.00684	-8.81260	-.00012

RUN NO. 1606/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.204	-6.193	-.00040	.00240	.00010	-.00650	-.00360	10.18928	8.88525	-6.41990	65.32960	1.15040
-4.314	-4.051	.00720	.00310	.00140	.00400	-.00220	10.29301	8.89760	-4.59370	55.75580	1.15230
-4.101	.186	.03720	.00600	.00640	.02760	.00110	10.54674	8.92781	-2.11960	.27230	1.15250
-4.012	4.351	.06570	.00460	.01130	.03610	-.00850	10.63812	8.84204	-4.72100	-55.16610	1.14790
-3.646	6.371	.08690	.00350	.01490	.03630	-.01900	10.64027	8.74945	-6.42290	-65.72190	1.14790
	GRADIENT	.00696	.00018	.00118	.00383	-.00075	.04113	-.00657	-.01344	-13.20170	-.00052

RUN NO. 1607/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.073	-6.220	.06440	.01270	.01090	-.01310	-.00580	10.12762	8.86585	-5.84650	90.03800	1.14960
-.012	-4.191	.07600	.01440	.01290	-.00290	-.00380	10.22291	8.88349	-3.83530	89.95720	1.15210
-.024	-.366	.10500	.01730	.01790	.02160	-.01470	10.48223	8.78737	-.04160	90.03800	1.15080
.055	3.680	.13720	.01760	.02290	.02510	-.02880	10.51986	8.66303	3.96860	90.02460	1.14790
.191	5.882	.15600	.01710	.02570	.02290	-.03690	10.45621	8.59160	6.15310	89.91670	1.15180
	GRADIENT	.00778	.00040	.00127	.00353	-.00318	.03746	-.02804	.99151	.00845	-.00054

RUN NO. 1608/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.207	-5.619	.12690	.02280	.02170	-.01880	-.01930	10.07437	8.74680	6.85720	-61.94880	1.14900
4.152	-3.690	.14060	.02450	.02390	-.01300	-.02240	10.12855	8.71947	5.37140	-49.85160	1.15010
4.015	.200	.17180	.02780	.02870	.00590	-.03730	10.31343	8.58807	3.95680	-.08240	1.15060
3.798	3.923	.20040	.02840	.03250	.01050	-.04820	10.36289	8.49195	5.35500	49.27260	1.15260
3.880	5.833	.21300	.02780	.03430	.00990	-.05510	10.35644	8.43110	6.90280	61.25330	1.15470
	GRADIENT	.00786	.00051	.00113	.00310	-.00339	.03090	-.02991	-.00485	13.01801	.00033

IA105A, AEDC PWT-TF470, O T S W/SILTS (S8M052) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1609/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.225	-6.081	-.04950	-.00430	-.00800	.02150	.00000	10.45872	8.91700	-7.77460	48.02670	1.24960
-8.295	-3.927	-.04600	-.00520	-.00740	.02760	-.00100	10.51794	8.90904	-6.34760	36.44340	1.24820
-8.176	.349	-.02420	-.00740	-.00390	.03970	-.00160	10.63540	8.90426	-4.95720	-1.54900	1.25040
-8.009	4.314	-.01030	-.01160	-.00140	.04070	-.00740	10.64511	8.85808	-6.41580	-36.72440	1.25040
-7.808	6.402	-.00190	-.01390	.00000	.03940	-.01410	10.63249	8.80473	-7.79560	-48.56300	1.25100
	GRADIENT	.00434	-.00077	.00073	.00161	-.00077	.01559	-.00612	-.00393	-8.87850	.00027

RUN NO. 1610/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.218	-6.193	.00850	.00340	.00180	.00670	.00110	10.31504	8.92676	-6.41080	65.55800	1.24960
-4.336	-4.035	.01600	.00350	.00310	.01720	-.00190	10.41697	8.90187	-4.56640	55.98580	1.25480
-4.091	.198	.04760	.00340	.00840	.03280	-.01310	10.56842	8.81269	-2.08760	.13600	1.25140
-3.999	4.326	.07090	-.00030	.01190	.03190	-.02870	10.55968	8.68847	-4.68160	-55.31930	1.24740
-3.682	6.402	.08430	-.00210	.01400	.02910	-.03520	10.53250	8.63672	-6.44790	-65.91670	1.25040
	GRADIENT	.00657	-.00045	.00105	.00177	-.00320	.01715	-.02750	-.01124	-13.31096	-.00088

RUN NO. 1611/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.086	-6.226	.07490	.01270	.01290	-.00410	-.01320	10.21542	8.81189	-5.84750	90.03800	1.24870
.001	-4.182	.08600	.01380	.01470	.00860	-.01680	10.33349	8.78323	-3.82160	89.97060	1.25010
.007	-.333	.11700	.01510	.01950	.02610	-.03150	10.50337	8.66618	-.00520	90.01110	1.24980
.063	3.836	.14300	.01290	.02310	.02540	-.04420	10.49658	8.56505	4.12660	89.90320	1.25060
.169	5.826	.15550	.01160	.02500	.01970	-.05090	10.4[illegible]124	8.51170	6.10020	89.94370	1.24980
	GRADIENT	.00710	-.00012	.00105	.00206	-.00341	.02004	-.02717	.99127	-.00865	.00006

RUN NO. 1612/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.147	-5.584	.13770	.02300	.02310	-.00770	-.03440	10.18505	8.64309	6.79270	-62.31080	1.25180
4.135	-3.685	.14830	.02360	.02490	-.00090	-.04100	10.24241	8.59053	5.35390	-50.06760	1.25130
4.072	.209	.17680	.02550	.02900	.01380	-.05170	10.38397	8.50533	3.99720	-.08720	1.24930
3.757	3.937	.19800	.02370	.03170	.01070	-.06000	10.35387	8.43925	5.33860	49.66140	1.25300
3.846	5.834	.20880	.02250	.03320	.00360	-.06500	10.28495	8.39943	6.88390	61.49690	1.25380
	GRADIENT	.00653	.00002	.00089	.00154	-.00249	.01479	-.01986	-.00457	13.08252	.00022

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M053) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2049/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.242	-7.886	-.01250	-.01430	.00010	.00140	-.00600	10.25850	11.10313	-10.03010	51.00050	.60070
-8.063	-3.828	-.01200	-.01370	-.00030	.00560	-.00390	10.28399	11.11359	-7.12600	32.83560	.59840
-8.093	.346	-.01280	-.01490	-.00070	.01500	-.00290	10.34104	11.11856	-5.99080	-1.31240	.59880
-7.597	4.207	-.00390	-.01360	.00140	.01720	-.00330	10.35439	11.11657	-7.03090	-33.71930	.59850
-7.574	8.075	-.00360	-.01510	.00190	.01830	-.00340	10.36106	11.11607	-9.82250	-51.94130	.59940
	GRADIENT	.00099	.00001	.00021	.00145	.00008	.00683	.00038	.01534	-8.28083	.00001

RUN NO. 2050/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-3.933	-8.031	.03490	-.00310	.00750	-.00030	-.00540	10.24842	11.10612	-8.37580	69.81430	.60030
-4.122	-3.897	.03440	-.00220	.00730	.00270	-.00500	10.26639	11.10811	-4.75290	53.83590	.59890
-3.941	.188	.03790	-.00140	.00820	.01220	-.00470	10.32404	11.10960	-2.43990	.26870	.60020
-3.848	4.134	.04520	.00000	.01020	.01470	-.00580	10.33922	11.10413	-4.82770	-52.62390	.59910
-3.769	8.144	.05070	-.00040	.01170	.01550	-.00700	10.34407	11.09815	-8.43370	-68.28270	.59830
	GRADIENT	.00134	.00027	.00036	.00150	-.00010	.00910	-.00049	-.00597	-13.25505	.00003

RUN NO. 2051/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.104	-8.146	.06880	.00540	.01410	-.00160	-.00910	10.24156	11.08770	-7.92420	90.24010	.59880
-.238	-4.288	.07160	.00720	.01440	.00010	-.00820	10.25061	11.09218	-4.08180	89.98410	.60140
-.220	-.027	.07930	.00970	.01580	.01000	-.00850	10.31069	11.09069	.15400	89.98410	.59910
-.171	3.800	.08370	.01090	.01740	.01260	-.00970	10.32647	11.08471	3.96480	89.98410	.60220
-.067	7.819	.09270	.01220	.01980	.01410	-.01200	10.33557	11.07326	7.96640	89.95720	.60310
	GRADIENT	.00150	.00046	.00037	.00156	-.00018	.00947	-.00091	.99494	.00000	.00009

RUN NO. 2052/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.489	-7.688	.11900	.01750	.02360	-.00350	-.01700	10.23154	11.04837	8.84870	-64.20450	.60020
4.211	-3.851	.12780	.02050	.02540	-.00120	-.01730	10.24367	11.04688	5.75410	-45.83220	.59730
4.181	.187	.13800	.02380	.02690	.00830	-.01790	10.30037	11.04389	4.47840	-.08320	.59970
3.871	4.123	.14160	.02500	.02820	.01100	-.01920	10.31676	11.03742	5.75850	45.76530	.59830
3.881	7.978	.15040	.02650	.03040	.01180	-.02150	10.32162	11.02597	8.88750	65.47240	.60070
	GRADIENT	.00173	.00057	.00035	.00153	-.00024	.00919	-.00118	-.00081	11.48663	.00013

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M053) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2053/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
8.218	-7.805	.15290	.02520	.03030	-.00530	-.02400	10.22205	11.01353	10.93690	-48.45150	.59870
8.196	-3.801	.17210	.03080	.03400	-.00290	-.02630	10.23471	11.00208	8.66900	-28.33330	.59990
7.858	.139	.18430	.03490	.03590	.00340	-.02750	10.27063	10.99610	7.60340	-.40820	.59840
8.175	4.139	.20640	.03990	.03970	.00690	-.03140	10.29188	10.97669	8.82140	27.74880	.59990
7.969	8.038	.22080	.04240	.04240	.00810	-.03470	10.29916	10.96026	10.96500	48.00510	.59910
	GRADIENT	.00432	.00115	.00072	.00123	-.00064	.00719	-.00320	.01992	7.06264	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M054) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2044/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.324	-5.919	-.01440	-.01490	-.00120	-.01590	-.00660	10.14528	11.09197	-8.24090	44.47610	.79980
-8.322	-3.856	-.01720	-.01480	-.00160	-.01280	-.00480	10.16570	11.10316	-6.92170	33.42460	.79990
-8.237	.362	-.01640	-.01540	-.00170	.00560	-.00290	10.29245	11.11497	-5.65100	-1.46530	.79950
-7.973	4.230	-.00890	-.01490	.00000	.01120	-.00350	10.33489	11.11124	-6.90160	-33.79600	.79980
-7.718	6.219	-.00380	-.01460	.00130	.01250	-.00370	10.34474	11.11000	-8.12110	-45.37240	.80050
	GRADIENT	.00101	-.00001	.00019	.00299	.00017	.02106	.00103	.00699	-8.31206	-.00001

RUN NO. 2045/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.248	-6.085	.02830	-.00460	.00640	-.01440	-.00600	10.15516	11.09570	-6.49570	63.98680	.79990
-4.421	-4.047	.02800	-.00410	.00630	-.01290	-.00500	10.16504	11.10192	-4.81250	53.79990	.80020
-4.058	.198	.03670	-.00180	.00780	.00420	-.00470	10.28183	11.10378	-2.29690	.19460	.79990
-3.894	4.232	.04820	.00020	.01010	.01040	-.00510	10.32883	11.10129	-4.73980	-53.81490	.79980
-3.633	6.190	.05450	.00100	.01170	.01110	-.00580	10.33413	11.09694	-6.40240	-64.19050	.79990
	GRADIENT	.00244	.00052	.00046	.00282	-.00001	.01985	-.00007	.01387	-12.99467	-.00005

IA105A, AEDC PWT-TF470, O T S W0/SILTS (58M054) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2046/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.113	-6.239	.07660	.00660	.01490	-.01090	-.01010	10.17821	11.07021	-5.90230	90.24010	.79960
-.206	-4.377	.07650	.00740	.01490	-.01330	-.00900	10.16241	11.07705	-4.05140	90.01110	.80010
-.209	-.126	.08320	.01040	.01630	.00270	-.00910	10.27016	11.07643	.17130	89.95720	.79980
-.139	3.638	.09520	.01300	.01880	.00860	-.00960	10.31518	11.07332	3.91090	89.95720	.79960
-.037	5.702	.10540	.01510	.02080	.00990	-.01010	10.32504	11.07021	5.96520	89.97060	.80010
	GRADIENT	.00232	.00070	.00048	.00275	-.00007	.01920	-.00046	.99342	-.00685	-.00006

RUN NO. 2047/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.190	-5.718	.12970	.01860	.02520	-.00980	-.01720	10.18546	11.02607	7.04120	-60.10360	.80000
3.866	-3.712	.13010	.01980	.02550	-.01150	-.01580	10.17426	11.03477	5.37840	-49.40580	.79970
4.105	.196	.15120	.02560	.02860	.00530	-.01560	10.29017	11.03602	4.28150	-.08680	.79990
3.787	4.025	.16490	.02850	.03120	.00870	-.01790	10.31594	11.02172	5.56880	47.73870	.80000
4.041	6.026	.17520	.03130	.03240	.01090	-.02180	10.33262	10.99747	7.24530	58.78670	.80010
	GRADIENT	.00450	.00113	.00074	.00262	-.00027	.01835	-.00168	.02356	12.55622	.00004

RUN NO. 2048/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
6.175	-5.705	.15750	.02450	.03000	-.00840	-.02020	10.19468	11.00742	8.11410	-48.89730	.79980
6.078	-3.742	.16760	.02710	.03150	-.01080	-.02010	10.17887	11.00804	6.86990	-36.80800	.79990
6.029	.206	.18170	.03270	.03340	.00280	-.02260	10.27122	10.99250	5.82330	-.00650	.80000
5.630	4.012	.19060	.03520	.03450	.00840	-.02570	10.31367	10.97323	6.72210	37.08350	.80000
5.861	5.973	.19960	.03720	.03570	.01040	-.02950	10.32883	10.94960	8.13100	48.62450	.79990
	GRADIENT	.00297	.00105	.00039	.00248	-.00072	.01742	-.00449	-.02058	9.52708	.00001

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M055) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2039/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.306	-5.942	-.01680	-.01190	-.00370	-.02200	-.00570	10.09355	11.09474	-8.07710	45.50600	.89970
-8.284	-3.871	-.02050	-.01210	-.00410	-.01750	-.00430	10.12556	11.10414	-6.74030	34.31560	.90040
-8.270	.360	-.02440	-.01320	-.00440	.00720	-.00370	10.30892	11.10816	-5.47990	-1.52430	.89950
-7.957	4.248	-.01430	.01240	-.00220	.01820	-.00290	10.39894	11.11353	-6.74330	-34.72340	.89980
-7.731	6.217	-.01060	-.01230	-.00110	.02070	-.00240	10.41940	11.11689	-7.97620	-46.18750	.89980
	GRADIENT	.00068	-.00004	.00023	.00442	.00017	.03381	.00115	.00401	-8.50291	-.00008

RUN NO. 2041/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.026	-6.242	.02350	-.00280	.00460	-.01870	-.00260	10.11703	11.11555	-6.50970	66.17140	.89980
-4.450	-4.067	.02130	-.00300	.00390	-.01710	-.00180	10.12840	11.12092	-4.76610	54.42560	.89990
-4.041	.192	.03060	-.00010	.00590	.00920	-.00270	10.32529	11.11488	-2.18680	.25020	.90010
-3.939	4.262	.04560	.00240	.00870	.02060	-.00080	10.41858	11.12763	-4.71760	-54.37210	.89980
-3.627	6.204	.05580	.00380	.01080	.02500	.00000	10.45459	11.13300	-6.35830	-64.80310	.90000
	GRADIENT	.00291	.00065	.00058	.00454	.00012	.03493	.00079	.01046	-13.06050	-.00001

RUN NO. 2042/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.145	-6.387	.06930	.00660	.01270	-.01860	-.00640	10.11774	11.09004	-6.03200	90.01110	.89990
-.174	-4.385	.07260	.00790	.01340	-.02080	-.00460	10.10209	11.10212	-4.04280	90.01110	.90000
-.219	-.168	.08300	.01180	.01570	.00820	-.00550	10.31711	11.09608	.14330	89.97060	.89970
-.131	3.663	.10120	.01520	.01920	.01940	-.00510	10.40876	11.09877	3.94640	89.95720	.90040
-.033	5.711	.11270	.01730	.02130	.02350	-.00690	10.41232	11.08668	5.98280	89.93020	.89970
	GRADIENT	.00354	.00091	.00072	.00503	-.00006	.03832	-.00043	.99271	-.00675	.00005

RUN NO. 2043/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.264	-5.706	.12820	.01790	.02420	-.02050	-.01570	10.10423	11.02761	7.03900	-60.04090	.89980
3.857	-3.699	.13160	.01930	.02470	-.02310	-.01480	10.08574	11.03366	5.33140	-49.90040	.89970
4.037	.191	.15290	.02520	.02770	.00630	-.02110	10.30156	10.99137	4.18540	-.11010	.89990
3.803	4.000	.17340	.02920	.03040	.01580	-.02540	10.37930	10.96250	5.53050	48.01950	.90020
4.065	6.012	.18210	.03080	.03190	.01980	-.02980	10.41204	10.93297	7.21520	59.20290	.89980
	GRADIENT	.00543	.00129	.00074	.00506	-.00138	.03819	-.00925	.02473	12.71881	.00006

IA105A, AEDC PWT-TF470, O T S W0/SILTS (58M058) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2027/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.147	-6.016	-.02380	-.01170	-.00420	-.03760	-.01650	9.97321	11.01834	-7.98120	46.72310	.94970
-8.365	-3.889	-.02890	-.01320	-.00510	-.03720	-.01010	9.97615	11.06282	-8.70320	34.53120	.95020
-8.224	.354	-.03070	-.01270	-.00500	-.01110	.00200	10.16829	11.14848	-5.35910	-1.54020	.95000
-7.976	4.238	-.01940	-.01230	-.00250	-.00980	.00200	10.17786	11.14848	-8.67920	-34.93960	.94960
-7.757	6.243	-.01300	-.01210	-.00120	-.00440	.00250	10.21761	11.15236	-7.94620	-46.57760	.94990
	GRADIENT	.00114	.00011	.00032	.00341	.00151	.02514	.01069	.00779	-8.54794	-.00007

RUN NO. 2028/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.262	-6.120	.01770	-.00340	.00380	-.02970	-.01480	10.03136	11.03016	-6.44750	64.68700	.95030
-4.433	-4.086	.01690	-.00370	.00350	-.02880	-.01270	10.03799	11.04475	-4.74280	54.90740	.95020
-4.072	.188	.02470	-.00060	.00550	-.01440	-.00420	10.14400	11.10381	-2.17400	.26520	.94970
-3.955	4.263	.04430	.00180	.00900	-.00970	-.00300	10.17859	11.11215	-4.70340	-54.49050	.94980
-3.643	6.230	.05410	.00280	.01110	-.00190	-.00290	10.23601	11.11285	-6.36630	-64.99800	.94940
	GRADIENT	.00327	.00066	.00066	.00230	.00117	.01691	.00812	.00956	-13.10116	-.00005

RUN NO. 2029/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.092	-6.391	.06360	.00550	.01230	-.02930	-.02110	10.03431	10.98638	-8.02690	90.01110	.95030
-.119	-4.389	.06760	.00600	.01330	-.03190	-.02290	10.01517	10.97387	-4.03970	90.01110	.94940
-.159	-.182	.07870	.01020	.01540	-.02060	-.01800	10.09835	11.00792	.13180	89.97060	.94970
-.062	3.664	.10240	.01350	.01970	-.01350	-.01910	10.15062	11.00028	3.94810	89.95720	.94960
.055	5.715	.11800	.01570	.02230	-.00400	-.02160	10.22055	10.98290	5.98610	89.93020	.94960
	GRADIENT	.00430	.00093	.00079	.00229	.00048	.01687	.00335	.99187	-.00674	.00003

RUN NO. 2030/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.192	-5.697	.12810	.01580	.02450	-.03140	-.03430	10.01885	10.89465	6.97220	-60.91830	.94950
4.147	-3.750	.13800	.01720	.02620	-.03760	-.03870	9.97321	10.86408	5.49210	-48.79980	.94980
4.085	.190	.15630	.02240	.02900	-.02060	-.04370	10.09835	10.82933	4.18750	-.09600	.95010
3.784	4.004	.17860	.02690	.03160	-.00680	-.04390	10.19994	10.82794	5.50310	48.45880	.94980
4.068	5.982	.19170	.02910	.03330	.00210	-.04540	10.26779	10.81752	7.17610	59.40380	.94980
	GRADIENT	.00523	.00125	.00070	.00397	-.00067	.02926	-.00468	-.00041	12.54284	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M057) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2031/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.266	-6.073	-.04940	-.01190	-.00740	-.02370	-.02140	10.06564	10.97586	-7.89220	47.26330	1.04960
-8.339	-3.928	-.04700	-.01210	-.00710	-.01820	-.01760	10.10842	11.00376	-6.49370	35.66690	1.04980
-8.269	.353	-.03630	-.01140	-.00530	.01410	-.01460	10.37623	11.02579	-5.14950	-1.63540	1.05050
-7.977	4.277	-.02150	-.01240	-.00230	.01830	-.01420	10.41383	11.02873	-6.49570	-36.06910	1.04980
-7.714	6.297	-.01040	-.01240	-.00030	.01960	-.01360	10.42547	11.03313	-7.78320	-47.77580	1.05050
	GRADIENT	.00310	-.00003	.00058	.00450	.00042	.03761	.00307	.00450	-8.74306	.00000

RUN NO. 2032/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.219	-6.171	.00030	-.00330	.00150	-.02970	-.02380	10.01896	10.95823	-6.41950	65.17260	1.04950
-4.416	-4.116	.00210	-.00280	.00180	-.02690	-.02040	10.04074	10.98320	-4.69740	55.48260	1.04990
-4.072	.188	.02540	.00200	.00610	.00160	-.01780	10.26432	11.00229	-2.09690	.15630	1.04900
-3.964	4.277	.05490	.00280	.01130	.00600	-.01750	10.30372	11.00450	-4.65600	-54.91530	1.04900
-3.575	6.246	.07360	.00320	.01490	.00650	-.01970	10.30819	10.98834	-6.30510	-65.54090	1.04890
	GRADIENT	.00628	.00067	.00113	.00394	.00035	.03151	.00255	.01019	-13.15094	-.00011

RUN NO. 2033/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.043	-6.406	.05090	.00650	.01060	-.02410	-.02500	10.06253	10.94942	-6.02790	89.99760	1.04920
-.015	-4.402	.05780	.00840	.01190	-.02630	-.02430	10.04541	10.95456	-4.04280	90.02460	1.04900
-.040	-.183	.08430	.01360	.01700	-.00890	-.02190	10.18077	10.97219	.13760	89.94370	1.05000
.061	3.642	.11980	.01550	.02280	-.00560	-.03000	10.20644	10.91271	3.93030	89.94370	1.04970
.207	5.712	.14200	.01630	.02640	-.00510	-.03630	10.21033	10.86644	5.98390	89.94370	1.05110
	GRADIENT	.00768	.00089	.00135	.00260	-.00069	.02022	-.00504	.99116	-.01021	.00009

RUN NO. 2034/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.210	-5.668	.11550	.01730	.02300	-.02980	-.03430	10.01818	10.88113	6.90880	-61.60060	1.05130
3.875	-3.685	.12550	.01890	.02440	-.03270	-.03240	9.99563	10.89508	5.23520	-51.16110	1.04940
4.009	.194	.15460	.02450	.02840	-.00660	-.03370	10.19866	10.88554	4.00300	-.08460	1.04970
3.860	3.982	.18600	.02820	.03240	.00420	-.04360	10.28760	10.81284	5.44620	49.02050	1.05010
4.096	5.967	.20510	.02950	.03520	.00200	-.05560	10.26791	10.72472	7.10810	60.37900	1.05030
	GRADIENT	.00789	.00121	.00104	.00482	-.00146	.03814	-.01069	.02614	13.06649	.00009

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (...M058) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2035/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.336	-6.048	-.05690	-.01080	-.00850	-.00660	-.01730	10.19724	11.00248	-7.84920	47.25810	1.09950
-8.311	-3.951	-.05390	-.01100	-.00820	.00520	-.01630	10.29784	11.01000	-6.43750	36.20610	1.09710
-8.272	.351	-.04130	-.01030	-.00620	.03650	-.01420	10.58579	11.02585	-5.08390	-1.61340	1.09940
-7.967	4.287	-.02240	-.01100	-.00240	.04150	-.01440	10.63179	11.02434	-6.47760	-36.19460	1.10010
-7.688	6.298	-.00900	-.01130	.00000	.04300	-.01240	10.64559	11.03943	-7.75130	-47.92210	1.10030
	GRADIENT	.00381	.00000	.00070	.00445	.00023	.04095	.00177	.00008	-8.78844	.00037

RUN NO. 2036/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.177	-6.174	-.00360	-.00150	.00080	-.01930	-.01930	10.09572	10.98736	-6.39540	65.57230	1.10030
-4.425	-4.126	-.00320	-.00140	.00090	-.00700	-.01760	10.19404	11.00019	-4.68630	55.81330	1.09970
-4.077	.184	.02250	.00340	.00570	.02510	-.01700	10.48091	11.00472	-2.08560	.29250	1.09960
-3.994	4.299	.05660	.00350	.01170	.02880	-.01640	10.51495	11.00925	-4.68530	-54.76910	1.10000
-3.549	6.262	.07800	.00320	.01560	.02800	-.02500	10.50759	10.94435	-6.31510	-65.56870	1.10040
	GRADIENT	.00709	.00059	.00128	.00427	.00014	.03831	.00107	.00489	-13.12342	.00004

RUN NO. 2037/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.109	-6.317	.05350	.00900	.01080	-.02020	-.02150	10.08853	10.97076	-5.94250	90.22660	1.09940
-.018	-4.403	.06200	.01030	.01250	-.01440	-.01830	10.13489	10.99491	-4.04630	90.02460	1.10050
-.055	-.166	.08710	.01370	.01730	.01320	-.02490	10.37144	10.94511	.15460	89.94370	1.09900
.034	3.591	.11910	.01510	.02250	.01790	-.03460	10.41468	10.87191	3.88070	89.94370	1.09980
.139	5.694	.13830	.01580	.02530	.01510	-.04040	10.38892	10.82815	5.96740	89.94370	1.10010
	GRADIENT	.00712	.00060	.00125	.00409	-.00203	.03544	-.01531	.99167	-.01031	-.00009

RUN NO. 2038/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.230	-5.670	.11190	.01890	.02190	-.02420	-.03120	10.05655	10.89757	6.91540	-61.76780	1.09870
3.900	-3.670	.12150	.02040	.02360	-.02010	-.03010	10.08932	10.90587	5.21010	-51.39800	1.09950
4.089	.190	.15520	.02480	.02850	-.00170	-.04120	10.23641	10.82211	4.05260	-.13220	1.09990
3.786	3.977	.18870	.02690	.03280	.00170	-.05330	10.26564	10.73081	5.40460	49.64700	1.09920
4.089	5.939	.20740	.02820	.03550	.00050	-.06070	10.25460	10.67497	7.09250	60.35040	1.09970
	GRADIENT	.00879	.00085	.00120	.00286	-.00303	.02311	-.02289	.02439	13.21528	-.00004

IA105A, AEDC PWT-TF470, O T S W0/SILTS (58M059) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -7.000

RUN NO. 1674/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.230	-6.098	-.05550	-.00160	-.01060	.02910	.08960	12.97589	-6.07588	-7.68610	49.07810	1.40060
-8.179	-4.011	-.05070	-.00240	-.00990	.02910	.08350	12.97589	-6.13198	-6.21150	38.44310	1.40230
-8.109	.227	-.03370	-.00740	-.00720	.02820	.06670	12.96683	-6.28651	-4.74570	.13420	1.40400
-7.994	4.337	-.02370	-.01120	-.00570	.02200	.05060	12.90443	-6.43459	-6.29990	-37.42850	1.39930
-7.678	6.351	-.01660	-.01220	-.00470	.01490	.04380	12.83297	-6.49714	-7.61610	-49.32920	1.39990
	GRADIENT	.00324	-.00105	.00050	-.00085	-.00394	-.00853	-.03625	-.00873	-9.08834	-.00036

RUN NO. 1675/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.264	-6.178	-.00440	.00550	-.00200	.01580	.07030	12.84202	-6.25339	-6.33100	66.88420	1.40410
-4.427	-4.151	.00270	.00480	-.00090	.01770	.06350	12.86115	-6.31594	-4.60930	57.73870	1.40430
-4.140	.232	.03570	.00100	.00420	.01460	.04230	12.82995	-6.51093	-1.99010	.28810	1.40060
-4.022	4.350	.04400	-.00440	.00530	.00630	.02650	12.74641	-6.65626	-4.64260	-56.02270	1.39880
-3.604	6.296	.05330	-.00540	.00670	-.00450	.02420	12.64365	-6.67741	-6.28280	-66.62660	1.40220
	GRADIENT	.00489	-.00108	.00073	-.00133	-.00436	-.01343	-.04008	.00249	-13.37937	-.00065

RUN NO. 1676/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.173	-6.387	.05150	.01310	.00730	-.00180	.05240	12.66726	-6.41804	-5.98150	90.02450	1.40300
-.231	-4.254	.06540	.01330	.00960	.00480	.04390	12.73131	-6.49622	-3.87020	89.94370	1.40490
-.232	-.226	.09220	.01110	.01340	.00120	.02750	12.69508	-6.64706	.11740	89.95720	1.39960
-.175	3.644	.10860	.00630	.01550	-.01330	.01690	12.56669	-6.74456	3.94930	89.88980	1.40460
-.101	5.696	.11700	.00460	.01670	-.02350	.01490	12.47748	-6.76295	5.97970	89.95720	1.39870
	GRADIENT	.00548	-.00088	.00075	-.00228	-.00342	-.02076	-.03148	.99001	-.00675	-.00005

RUN NO. 1677/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.242	-5.599	.12170	.02310	.01880	-.01170	.01900	12.58068	-6.72524	6.87670	-61.80950	1.40170
4.115	-3.633	.13300	.02330	.02060	-.00990	.01280	12.59642	-6.78227	5.33920	-49.97700	1.40210
3.996	.250	.15940	.02260	.02390	-.01620	.00500	12.54132	-6.85401	4.00270	-.14140	1.40190
3.701	3.982	.17350	.01870	.02560	-.03520	.00160	12.37516	-6.88528	5.39170	9.25820	1.40220
3.778	5.862	.18120	.01710	.02680	-.04320	-.00030	12.30520	-6.90248	6.92010	61.03840	1.40280
	GRADIENT	.00533	-.00060	.00066	-.00331	-.00147	-.02896	-.01356	.00453	13.03090	.00001

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M080) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = -7.000

RUN NO. 1678/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.452	-6.078	-.04420	-.00220	-.00860	.03520	.06670	13.01311	-6.32835	-7.87700	47.85390	1.55080
-8.480	-3.893	-.03930	-.00290	-.00810	.03260	.05900	12.98873	-6.39435	-6.43630	36.31400	1.54820
-8.201	.305	-.02540	-.00800	-.00600	.01640	.04500	12.83680	-6.51433	-4.93950	.15270	1.55360
-7.988	4.430	-.01770	-.01070	-.00510	.00700	.03720	12.74865	-6.58118	-6.43430	-36.72440	1.54930
-7.688	6.424	-.01250	-.01170	-.00440	-.00070	.03620	12.67730	-6.58975	-7.73110	-48.38880	1.54930
	GRADIENT	.00260	-.00094	.00036	-.00308	-.00262	-.02887	-.02246	.00130	-8.77448	.00014

RUN NO. 1679/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.430	-6.161	.00760	.00400	.00000	.02020	.04800	12.87244	-6.48862	-6.37410	65.91470	1.55170
-4.582	-4.128	.01150	.00250	.00040	.01460	.03990	12.81992	-6.55804	-4.65480	56.81930	1.55310
-4.224	.309	.03000	-.00250	.00290	-.00370	.02490	12.65285	-6.68660	-2.04700	.28200	1.54700
-3.960	4.427	.03490	-.00600	.00330	-.01610	.01710	12.55180	-6.75345	-4.64360	-56.10630	1.54680
-3.585	6.379	.04270	-.00680	.00440	-.02650	.01540	12.46705	-6.76802	-6.31390	-66.50130	1.54960
	GRADIENT	.00275	-.00100	.00034	-.00360	-.00267	-.03142	-.02292	.00887	-13.19436	-.00074

RUN NO. 1680/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.293	-6.471	.05810	.01140	.00850	.00290	.03220	12.71020	-6.62403	-6.01270	89.98410	1.54910
-.376	-4.288	.06820	.01070	.00980	.00030	.02240	12.68581	-6.70802	-3.84640	89.97060	1.55050
-.387	-.290	.08530	.00570	.01190	-.01860	.01310	12.53143	-6.78773	.12010	89.93020	1.55370
-.353	3.583	.09450	.00140	.01290	-.03270	.00800	12.41653	-6.83144	3.95740	89.93020	1.55010
-.308	5.620	.09700	-.00010	.01330	-.03980	.00590	12.35867	-6.84943	5.97530	89.95720	1.54960
	GRADIENT	.00335	-.00118	.00039	-.00420	-.00183	-.03424	-.01570	.99152	-.00516	-.00005

RUN NO. 1681/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.266	-5.519	.11630	.02070	.01770	-.01290	.00850	12.57788	-6.82715	6.96910	-60.68150	1.55100
4.143	-3.545	.12860	.02020	.01970	-.01860	.00320	12.53143	-6.87257	5.45840	-48.56990	1.54660
3.907	.324	.14980	.01640	.02220	-.03700	-.00070	12.38149	-6.90538	4.13270	-.17980	1.54680
3.577	4.004	.15960	.01180	.02330	-.05390	-.00290	12.24377	-6.92231	5.49020	48.19240	1.54990
3.658	5.877	.16280	.01000	.02390	-.06190	-.00540	12.17858	-6.94154	7.01140	60.04920	1.55080
	GRADIENT	.00412	-.00111	.00048	-.00468	-.00081	-.03811	-.00660	.00123	12.81504	.00043

IA105A, AEDC PWT-TF470, O T S W0/SILTS (58M061) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1655/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.254	-6.100	-.07500	-.00470	-.01310	-.00460	.06340	12.64003	-1.21008	-7.83100	47.78180	1.15320
-8.348	-3.982	-.07110	-.00550	-.01230	.00560	.06350	12.74321	-1.20910	-6.46840	36.27800	1.14730
-8.107	.165	-.05400	-.00560	-.00980	.02650	.06190	12.96791	-1.22482	-4.94050	.26780	1.15270
-8.046	4.309	-.03920	-.00750	-.00740	.03270	.06320	13.03457	-1.21205	-6.49450	-36.38280	1.14810
-7.715	6.307	-.02270	-.00790	-.00470	.03400	.06200	13.04855	-1.22384	-7.73410	-48.18680	1.15230
	GRADIENT	.00385	-.00024	.00059	.00327	-.00004	.03515	-.00036	-.00310	-8.76412	.00010

RUN NO. 1656/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.186	-6.183	-.01680	.00480	-.00390	-.01510	.06150	12.54194	-1.22875	-6.39620	65.61510	1.14910
-4.206	-4.121	-.01000	.00560	-.00270	-.00690	.06450	12.61854	-1.19927	-4.58200	57.35080	1.15060
-4.130	.183	.01840	.00820	.00180	.02110	.06630	12.90985	-1.18159	-2.10900	.28640	1.14890
-4.016	4.427	.05000	.00650	.00740	.02810	.05150	12.98511	-1.32700	-4.78100	-55.70930	1.14960
-3.621	6.308	.07060	.00570	.01100	.02680	.04060	12.97114	-1.43410	-6.35000	-65.80540	1.15060
	GRADIENT	.00702	.00011	.00118	.00410	-.00152	.04294	-.01490	-.02187	-13.22580	-.00012

RUN NO. 1657/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.036	-6.370	.04430	.01480	.00620	-.01970	.06220	12.49896	-1.22187	-5.99360	90.02450	1.15160
-.059	-4.238	.05690	.01670	.00840	-.01170	.06130	12.57370	-1.23071	-3.88090	89.95720	1.15190
-.082	-.200	.08880	.01960	.01360	.01450	.05050	12.83889	-1.33683	.12110	89.93020	1.14800
-.010	3.680	.12140	.01910	.01890	.01670	.03030	12.86255	-1.53530	3.96710	89.93020	1.15030
.128	5.704	.14190	.01860	.02210	.01440	.01770	12.85782	-1.65909	5.97420	89.90320	1.14940
	GRADIENT	.00814	.00031	.00133	.00361	-.00391	.03668	-.03838	.99113	-.00343	-.00021

RUN NO. 1658/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.174	-5.596	.11290	.02550	.01810	-.02190	.04300	12.47841	-1.41052	6.83670	-61.89310	1.14790
3.942	-3.686	.12390	.02630	.01990	-.02030	.03760	12.49336	-1.46357	5.25840	-51.28650	1.15070
4.051	.201	.15840	.02940	.02530	.00030	.01910	12.68623	-1.64534	4.01450	-.11850	1.15270
3.760	3.950	.18610	.02970	.02930	.00150	.00120	12.69913	-1.82121	5.37530	49.46700	1.15090
3.845	5.843	.20130	.02880	.03150	-.00110	-.00980	12.67272	-1.91942	6.90790	61.36790	1.15330
	GRADIENT	.00815	.00045	.00123	.00287	-.00477	.02708	-.04683	.01326	13.19384	.00003

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M082) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.50
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1659/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.355	-6.114	-.06450	-.00220	-.01180	.01220	.06190	12.80144	-1.28385	-7.83800	47.81070	1.25310
-8.393	-3.991	-.06150	-.00330	-.01130	.01770	.06040	12.85483	-1.29716	-6.41730	36.62320	1.24770
-8.285	.352	-.04260	-.00570	-.00820	.03050	.06150	12.97909	-1.28740	-5.00810	-1.59070	1.25030
-7.963	4.322	-.02220	-.00970	-.00450	.03050	.05180	12.97909	-1.37345	-6.39620	-36.96840	1.24800
-7.770	6.331	-.01430	-.01220	-.00310	.02710	.04370	12.94608	-1.44531	-7.71310	-48.47940	1.25200
	GRADIENT	.00472	-.00077	.00082	.00156	-.00101	.01516	-.00900	.00757	-8.85154	.00004

RUN NO. 1660/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.139	-.00420	.00590	-.00150	-.00500	.06190	12.64082	-1.28385	-6.29180	66.68470	1.25140
-4.189	-4.122	.00150	.00580	-.00050	.00590	.05960	12.74028	-1.30426	-4.56890	57.59500	1.25050
-4.110	.193	.03280	.00520	.00470	.02280	.04880	12.90434	-1.40007	-2.07650	.20960	1.24960
-4.001	4.322	.05720	.00090	.00860	.01980	.02590	12.87521	-1.60323	-4.66380	-55.49340	1.25210
-3.602	6.279	.07280	-.00060	.01100	.01550	.01770	12.83347	-1.67597	-6.30390	-66.12550	1.25010
	GRADIENT	.00660	-.00058	.00108	.00166	-.00398	.01615	-.03531	-.00684	-13.39285	.00019

RUN NO. 1661/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.025	-6.379	.05620	.01430	.00860	-.01530	.05060	12.55394	-1.38410	-5.99660	89.99760	1.25030
-.047	-4.225	.06980	.01540	.01100	-.00300	.04310	12.65769	-1.45064	-3.86260	89.95720	1.25060
-.043	-.195	.10160	.01640	.01590	.01560	.02730	12.83444	-1.59081	.13070	89.95720	1.24910
.025	3.675	.12970	.01400	.02000	.01100	.00730	12.78979	-1.76824	3.96500	89.90320	1.24980
.115	5.695	.14160	.01250	.02170	.00270	.00100	12.70921	-1.82413	5.96760	89.93020	1.25180
	GRADIENT	.00759	-.00017	.00114	.00179	-.00453	.01691	-.04017	.99094	-.00679	-.00010

RUN NO. 1662/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.209	-5.620	.12330	.02450	.01990	-.01630	.02080	12.54551	-1.64847	6.86790	-61.83740	1.24630
4.121	-3.662	.13590	.02520	.02200	-.01110	.01320	12.58937	-1.71590	5.34250	-49.88640	1.24960
4.027	.207	.16390	.02660	.02600	.00340	-.00060	12.71601	-1.83778	3.97950	-.17800	1.25100
3.750	3.954	.18750	.02470	.02910	-.00610	-.01370	12.63155	-1.94209	5.36110	49.65420	1.24870
4.035	5.923	.20010	.02390	.03090	-.01600	-.01910	12.54804	-1.98509	7.05370	60.45070	1.25090
	GRADIENT	.00678	-.00006	.00093	.00067	-.00353	.00568	-.02971	.00052	13.06736	-.00012

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M063) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = -2.000

RUN NO. 1663/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA0	BETA0	CNW	CTW	CBW	CHEI	CHEO	1B-ELV	0B-ELV	ALPHAI	PHII	MACH
-8.206	-6.105	-.05070	-.00320	-.00910	.02740	.05880	12.95878	-1.29217	-7.68310	49.23660	1.40150
-8.216	-4.012	-.04590	-.00420	-.00830	.02730	.05360	12.95777	-1.34000	-6.24570	38.27760	1.40180
-8.102	.235	-.02800	-.00890	-.00550	.02720	.03850	12.95676	-1.47888	-4.75980	.10330	1.40390
-7.975	4.349	-.01880	-.01260	-.00420	.02100	.02490	12.89436	-1.60397	-6.30990	-37.47030	1.40300
-7.711	6.342	-.01310	-.01380	-.00340	.01460	.01900	12.82995	-1.65824	-7.61810	-49.16900	1.40340
	GRADIENT	.00325	-.00101	.00049	-.00075	-.00343	-.00755	-.03158	-.00577	-9.05973	.00015

RUN NO. 1664/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA0	BETA0	CNW	CTW	CBW	CHEI	CHEO	1B-ELV	0B-ELV	ALPHAI	PHII	MACH
-4.221	-6.158	.00170	.00400	-.00020	.01440	.04300	12.82793	-1.43749	-6.31590	66.87000	1.39640
-4.220	-4.105	.01090	.00360	.00120	.01650	.03610	12.84907	-1.50096	-4.50420	58.78670	1.40020
-4.139	.229	.04090	-.00050	.00570	.01480	.01710	12.83196	-1.67572	-2.00490	.38250	1.40100
-4.024	4.349	.04820	-.00600	.00670	.00480	.00360	12.73131	-1.79989	-4.64770	-55.91130	1.39870
-3.810	6.381	.05530	-.00710	.00780	-.00230	.00150	12.66289	-1.81920	-6.41520	-65.68010	1.39920
	GRADIENT	.00443	-.00113	.00065	-.00138	-.00385	-.01384	-.03540	-.01182	-13.56666	-.00017

RUN NO. 1665/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA0	BETA0	CNW	CTW	CBW	CHEI	CHEO	1B-ELV	0B-ELV	ALPHAI	PHII	MACH
-.146	-6.272	.05810	.01180	.00920	-.00250	.02790	12.66114	-1.57638	-5.86900	90.09190	1.40120
-.225	-4.320	.06990	.01190	.01100	.00490	.02030	12.73232	-1.64628	-3.93560	89.94370	1.40360
-.201	-.243	.09730	.00980	.01500	.00180	.00560	12.70112	-1.78149	.10050	89.94370	1.40170
-.149	3.637	.11320	.00500	.01700	-.01280	-.00430	12.57106	-1.86850	3.94230	89.91670	1.40390
-.063	5.688	.12190	.00330	.01830	-.02410	-.00650	12.47223	-1.88666	5.97310	89.95720	1.40350
	GRADIENT	.00545	-.00086	.00076	-.00221	-.00310	-.02016	-.02797	.99008	-.00336	.00003

RUN NO. 1666/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHA0	BETA0	CNW	CTW	CBW	CHEI	CHEO	1B-ELV	0B-ELV	ALPHAI	PHII	MACH
4.235	-5.605	.12500	.02190	.02000	-.01030	-.00140	12.59292	-1.84456	6.87900	-61.85130	1.40180
3.901	-3.608	.13430	.02180	.02150	-.00810	-.00530	12.61216	-1.87675	5.19510	-51.37010	1.40020
4.004	.249	.16300	.02140	.02530	-.01500	-.01280	12.55182	-1.93867	3.98650	-.15380	1.40360
3.702	3.976	.17790	.01740	.02700	-.03490	-.01760	12.37778	-1.97830	5.37640	49.38780	1.40040
3.981	5.936	.18780	.01630	.02850	-.04360	-.02060	12.30170	-2.00306	7.06150	60.22130	1.40090
	GRADIENT	.00576	-.00058	.00073	-.00352	-.00162	-.03082	-.01340	.02195	13.28573	.00003

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (S8M084) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1667/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.455	-6.061	-.04040	-.00360	-.00730	.03480	.04200	13.00936	-1.47304	-7.86600	47.80350	1.54710
-8.484	-3.898	-.03530	-.00420	-.00680	.03240	.03640	12.98686	-1.52104	-6.44030	36.37150	1.54880
-8.370	.465	-.02250	-.00940	-.00490	.01760	.02360	12.84806	-1.63074	-5.09380	-1.46180	1.55070
-7.980	4.431	-.01360	-.01200	-.00370	.00790	.01500	12.75709	-1.70444	-6.43930	-36.66860	1.54720
-7.715	6.435	-.00910	-.01310	-.00310	.00080	.01330	12.69050	-1.71901	-7.74210	-48.34000	1.55160
	GRADIENT	.00261	-.00094	.00037	-.00295	-.00258	-.02766	-.02207	.00526	-8.76868	-.00018

RUN NO. 1668/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.415	-6.202	.01160	.00290	.00130	.02000	.02640	12.87057	-1.60674	-6.41520	66.02880	1.54850
-4.363	-4.097	.01880	.00170	.00220	.01430	.01850	12.81711	-1.67445	-4.55570	57.93970	1.54960
-4.223	.314	.03450	-.00350	.00430	-.00210	.00450	12.66589	-1.79443	-2.05340	.27490	1.55080
-3.978	4.437	.03890	-.00730	.00460	-.01500	-.00340	12.56077	-1.85915	-4.66180	-55.90430	1.54870
-3.571	6.363	.04750	-.00810	.00590	-.02560	-.00520	12.47439	-1.87300	-6.30090	-66.37610	1.54840
	GRADIENT	.00237	-.00106	.00028	-.00344	-.00257	-.03009	-.02171	-.00568	-13.33661	-.00010

RUN NO. 1669/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.286	-6.472	.06150	.01020	.00960	.00370	.01140	12.71770	-1.73530	-6.01370	89.99760	1.54940
-.349	-4.291	.07260	.00980	.01120	.00170	.00360	12.69894	-1.80215	-3.85040	89.97060	1.55010
-.376	-.291	.08940	.00450	.01330	-.01720	-.00570	12.54284	-1.87685	.11960	89.94370	1.55360
-.335	3.582	.09780	.00000	.01420	-.03270	-.01160	12.41653	-1.92223	3.95630	89.91670	1.54940
-.275	5.623	.10250	-.00130	.01500	-.03990	-.01400	12.35786	-1.94069	5.98300	89.98410	1.55430
	GRADIENT	.00321	-.00125	.00038	-.00437	-.00193	-.03589	-.01527	.99156	-.00685	-.00008

RUN NO. 1670/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.256	-5.527	.11850	.01950	.01870	-.01170	-.00820	12.58766	-1.89608	6.96680	-60.80690	1.55110
4.146	-3.542	.13080	.01890	.02080	-.01720	-.01360	12.54284	-1.93762	5.45730	-48.62560	1.55320
3.907	.325	.15330	.01540	.02350	-.03520	-.01740	12.39616	-1.96685	4.11540	-.17100	1.54860
3.609	3.994	.16250	.01070	.02460	-.05290	-.02060	12.25192	-1.99146	5.49240	48.01950	1.55040
3.659	5.861	.16660	.00880	.02530	-.06140	-.02340	12.18266	-2.01300	6.98910	60.13530	1.55060
	GRADIENT	.00422	-.00109	.00051	-.00474	-.00093	-.03860	-.00715	.00151	12.82115	-.00038

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M065) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1818/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-8.000	-.00629	-.01132	-.00148	-.00175	.00848	12.67379	4.81403	-9.97709	52.35593	.60274
-8.000	-4.000	-.01208	-.01138	-.00259	.00175	.00961	12.69362	4.82029	-7.15779	33.85911	.59867
-8.000	.000	-.01522	-.01268	-.00314	.01022	.01110	12.74505	4.82157	-5.87369	.30856	.60018
-8.000	4.000	-.01184	-.01284	-.00229	.01396	.01178	12.76773	4.83235	-6.94192	-25.55741	.59898
-8.000	8.000	-.01489	-.01496	-.00202	.01554	.01224	12.77733	4.83490	-9.38140	-43.63189	.59855
	GRADIENT	.00003	-.00018	.00004	.00153	.00027	.00926	.00151	.02698	-7.42706	.00004

RUN NO. 1819/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-8.000	.03390	-.00097	.00501	-.00192	.00821	12.67286	4.81254	-8.44274	70.30607	.59915
-4.000	-4.000	.03356	.00021	.00467	.00076	.00942	12.68759	4.81925	-4.83097	56.62571	.60022
-4.000	.000	.03635	.00095	.00509	.00842	.01035	12.73409	4.82442	-2.46748	2.78817	.59942
-4.000	4.000	.04578	.00261	.00706	.01142	.01004	12.75232	4.82266	-4.94653	-54.54217	.59963
-4.000	8.000	.04749	.00147	.00809	.01227	.00961	12.75744	4.82030	-8.91068	-73.29217	.59905
	GRADIENT	.00153	.00030	.00030	.00133	.00008	.00809	.00043	-.01444	-13.89598	-.00007

RUN NO. 1820/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-8.000	.07611	.00953	.01164	-.00314	.00527	12.66644	4.79624	-7.46911	87.59498	.59903
.000	-4.000	.07943	.01186	.01207	-.00093	.00644	12.67807	4.80272	-3.42108	85.69804	.59977
.000	.000	.08646	.01413	.01304	.00687	.00650	12.72470	4.80304	.38332	89.99259	.60034
.000	4.000	.09532	.01579	.01475	.00987	.00565	12.74289	4.79835	4.47897	93.48587	.60197
.000	8.000	.10488	.01710	.01697	.01087	.00449	12.74896	4.79191	8.44649	92.54342	.59718
	GRADIENT	.00199	.00049	.00033	.00135	-.00010	.00810	-.00055	.98751	.97348	.00027

RUN NO. 1821/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-8.000	.12044	.02053	.01904	-.00438	.00178	12.65991	4.77686	7.62630	-52.50390	.59839
4.000	-4.000	.13149	.02449	.02101	-.00283	.00264	12.66806	4.78163	5.52352	-43.24059	.59984
4.000	.000	.14265	.02790	.02277	.00444	.00197	12.70993	4.77793	4.33238	.03449	.59980
4.000	4.000	.15415	.03053	.02487	.00705	.00003	12.72576	4.76719	5.71620	42.02080	.60061
4.000	8.000	.16668	.03269	.02757	.00708	-.00326	12.72597	4.75075	8.86773	63.64946	.60169
	GRADIENT	.00283	.00076	.00048	.00123	-.00033	.00721	-.00181	.02408	10.65767	.00010

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M065) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1822/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
8.000	-8.000	.16060	.03008	.02613	-.00521	-.00341	12.65551	4.75002	11.23728	-53.35674	.60065
8.000	-4.000	.18240	.03606	.02990	-.00488	-.00535	12.65725	4.74037	8.71449	-32.38181	.60107
8.000	.000	.19706	.04084	.03235	-.00044	-.00713	12.68066	4.73151	7.75068	.17972	.60027
8.000	4.000	.21474	.04461	.03550	.00305	-.01030	12.70151	4.71572	8.63481	26.63789	.60019
8.000	8.000	.23322	.04811	.03916	.00396	-.01397	12.70702	4.69745	10.99013	47.86120	.60035
	GRADIENT	.00404	.00107	.00070	.00099	-.00062	.00553	-.00308	-.00996	7.37746	-.00011

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M066) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1823/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.01299	-.01200	-.00247	-.02197	.00059	12.53829	4.77107	-8.04357	45.07897	.80012
-8.000	-4.000	-.01539	-.01196	-.00302	-.02036	.00151	12.54894	4.77749	-6.70840	34.19982	.80057
-8.000	.000	-.01874	-.01300	-.00362	-.00385	.00504	12.65763	4.80189	-5.40829	-.85712	.80035
-8.000	4.000	-.01414	-.01283	-.00273	.00324	.00628	12.70759	4.81050	-6.78954	-32.87874	.80086
-8.000	6.000	-.01252	-.01351	-.00242	.00488	.00663	12.72002	4.81293	-7.86973	-39.99842	.80077
	GRADIENT	.00016	-.00011	.00004	.00295	.00060	.01983	.00413	-.01014	-8.38482	.00004

RUN NO. 1824/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	.03376	-.00072	.00471	-.01809	.00124	12.56389	4.77559	-6.50732	67.66784	.80298
-4.000	-4.000	.03420	.00015	.00470	-.01756	.00259	12.56738	4.78491	-4.77052	60.55595	.80335
-4.000	.000	.03693	.00139	.00516	-.00279	.00464	12.66461	4.79912	-2.22859	5.59270	.79888
-4.000	4.000	.04699	.00309	.00687	.00510	.00504	12.72163	4.80189	-4.65795	-53.67145	.79707
-4.000	6.000	.05112	.00329	.00788	.00552	.00496	12.72483	4.80139	-6.97855	-71.35930	.79964
	GRADIENT	.00160	.00037	.00027	.00283	.00031	.01928	.00212	.01407	-14.27843	-.00078

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M068) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1825/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.08272	.01142	.01231	-.01264	.00248	12.59978	4.78420	-5.32313	86.43872	.80091
.000	-4.000	.08361	.01296	.01246	-.01396	.00387	12.59105	4.79378	-3.27858	84.53172	.80107
.000	.000	.09172	.01588	.01375	-.00120	.00470	12.67510	4.79957	.49708	89.22214	.80061
.000	4.000	.10647	.01881	.01618	.00299	.00400	12.70567	4.79470	4.51246	92.58243	.80111
.000	6.000	.11322	.02001	.01760	.00358	.00338	12.71013	4.79042	6.45059	91.93268	.80294
	GRADIENT	.00286	.00073	.00047	.00212	.00002	.01433	.00012	.97388	1.00634	-.00001

RUN NO. 1826/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.13363	.02324	.02091	-.00921	.00063	12.62234	4.77135	6.91271	-57.67112	.79917
4.000	-4.000	.14048	.02615	.02221	-.01066	.00160	12.61282	4.77808	5.74586	-52.38022	.79891
4.000	.000	.15278	.03018	.02430	.00097	.00242	12.69035	4.78377	4.22584	-2.34070	.79898
4.000	4.000	.17475	.03477	.02781	.00388	-.00009	12.71243	4.76644	5.65242	44.53377	.80051
4.000	6.000	.18222	.03606	.02918	.00521	-.00152	12.72250	4.75757	7.22955	58.72898	.80051
	GRADIENT	.00428	.00108	.00070	.00182	-.00021	.01245	-.00146	-.01168	12.11425	.00020

RUN NO. 1845/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
6.000	-6.000	.16012	.02926	.02561	-.00698	-.00234	12.63702	4.75242	8.33089	-52.90645	.80082
6.000	-4.000	.16804	.03174	.02704	-.00923	-.00187	12.62221	4.75540	7.01818	-39.65008	.80148
6.000	.000	.18442	.03732	.02951	.00061	-.00192	12.68759	4.75505	5.82864	-2.03857	.80192
6.000	4.000	.19893	.04058	.03136	.00323	-.00903	12.70748	4.71087	7.06230	35.94164	.79735
6.000	6.000	.20992	.04235	.03283	.00463	-.01212	12.71811	4.69166	8.31598	48.62286	.79990
	GRADIENT	.00386	.00111	.00054	.00156	-.00090	.01066	-.00557	.00551	9.44896	-.00052

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M067) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1827/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-4.000	-.02799	-.01064	-.00549	-.01662	-.00407	12.56479	4.73966	-6.60370	36.33427	.90115
-8.000	.000	-.03039	-.01173	-.00565	.00829	-.00364	12.75080	4.74259	-5.24585	1.18128	.89928
-8.000	4.000	-.02294	-.01167	-.00434	.01692	.00002	12.82147	4.76713	-6.62758	-32.68952	.89875
	GRADIENT	.00063	-.00013	.00014	.00419	.00051	.03209	.00343	-.00298	-8.62797	-.00030

RUN NO. 1828/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-6.000	-4.000	-.00250	-.00477	-.00159	-.01651	-.00106	12.56558	4.75987	-5.46650	45.30531	.89909
-6.000	.000	-.00203	-.00447	-.00123	.00862	-.00199	12.75351	4.75362	-3.69878	2.49056	.89788
-6.000	4.000	.00862	-.00340	.00073	.01522	-.00032	12.80753	4.76485	-5.54066	-41.09160	.89991
	GRADIENT	.00139	.00017	.00029	.00397	.00009	.03024	.00062	-.00927	-10.79961	.00010

RUN NO. 1829/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-4.000	.02111	.00065	.00235	-.01597	.00197	12.56945	4.78173	-4.48500	56.13701	.90134
-4.000	.000	.02763	.00268	.00369	.00596	.00085	12.73179	4.77339	-2.12662	1.59038	.89977
-4.000	4.000	.04238	.00472	.00614	.01548	.00169	12.80967	4.77964	-4.45636	-49.70809	.89781
	GRADIENT	.00266	.00051	.00047	.00393	-.00003	.03003	-.00026	.00358	-13.23064	-.00044

RUN NO. 1830/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-2.000	-4.000	.04705	.00651	.00673	-.01593	.00488	12.56975	4.80347	-4.03050	75.69138	.90003
-2.000	.000	.05672	.00941	.00854	.00688	.00528	12.73934	4.80647	-.59256	12.61117	.90171
-2.000	4.000	.07487	.01235	.01154	.01604	.00701	12.81428	4.81939	-4.60347	-81.95601	.89678
	GRADIENT	.00348	.00073	.00060	.00400	.00027	.03057	.00199	-.07162	-19.70592	-.00041

RUN NO. 1831/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-4.000	.07684	.01285	.01142	-.01510	.00708	12.57562	4.81996	-3.18806	81.66961	.89716
.000	.000	.08814	.01714	.01328	.00801	.00875	12.74859	4.83241	.51779	87.51422	.90006
.000	4.000	.11121	.02127	.01674	.01681	.01072	12.82061	4.84715	4.79669	98.99481	.90181
	GRADIENT	.00430	.00105	.00066	.00399	.00045	.03062	.00340	.99809	2.16565	.00058

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M067) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1832/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
2.000	-4.000	.10862	.01968	.01683	-.02018	.00823	12.53951	4.82857	4.09638	-58.66875	.89822
2.000	.000	.12367	.02392	.01924	.00489	.00924	12.72299	4.83611	2.68190	-10.35246	.90173
2.000	4.000	.14764	.02897	.02254	.01816	.00857	12.83162	4.83106	4.44010	59.55530	.89786
	GRADIENT	.00488	.00116	.00071	.00479	.00004	.03651	.00031	.04297	14.77801	-.00004

RUN NO. 1833/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-4.000	.13503	.02478	.02110	-.02008	.00877	12.54024	4.83259	5.55527	-50.66748	.90024
4.000	.000	.15550	.02994	.02415	.00420	.00794	12.71735	4.82639	4.18724	-3.43677	.90143
4.000	4.000	.17959	.03459	.02754	.01556	.00300	12.81033	4.78945	5.76685	48.35030	.90022
	GRADIENT	.00557	.00123	.00080	.00445	-.00072	.03376	-.00539	.02645	12.37722	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M068) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1834/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.02877	-.00934	-.00595	-.02580	.00014	12.49307	4.76809	-7.83745	46.49705	.94854
-8.000	-4.000	-.03273	-.01035	-.00647	-.02286	.00394	12.51471	4.79750	-6.48658	35.65170	.94823
-8.000	.000	-.03376	-.01092	-.00629	-.00660	.00686	12.63442	4.82015	-5.14645	-.65853	.94883
-8.000	4.000	-.02425	-.01090	-.00457	-.00379	.00776	12.65514	4.82711	-6.56474	-34.11978	.94849
-8.000	6.000	-.02008	-.01130	-.00380	.00057	.00776	12.68784	4.82711	-7.64651	-41.08948	.94839
	GRADIENT	.00106	-.00007	.00024	.00238	.00048	.01755	.00370	-.00977	-8.72144	.00003

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (S8M068) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1835/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	.02067	.00052	.00221	-.02233	.00329	12.51863	4.79248	-6.36295	67.13854	.94843
-4.000	-4.000	.02077	.00072	.00221	-.02034	.00778	12.53330	4.82727	-4.64523	60.18198	.94843
-4.000	.000	.02731	.00271	.00359	-.01049	.01042	12.60581	4.84768	-2.12026	5.82189	.94873
-4.000	4.000	.04531	.00450	.00665	-.00313	.00981	12.65993	4.84296	-4.53034	-53.23771	.94615
-4.000	6.000	.05043	.00481	.00783	.00246	.00970	12.70384	4.84207	-6.82160	-71.01998	.95021
	GRADIENT	.00307	.00047	.00056	.00215	.00025	.01583	.00196	.01436	-14.17748	-.00028

RUN NO. 1836/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.06741	.01031	.01010	-.02227	.00289	12.51904	4.78939	-5.51397	89.00300	.94928
.000	-4.000	.07123	.01150	.01061	-.02141	.00721	12.52540	4.82284	-3.44611	87.72820	.94817
.000	.000	.08670	.01523	.01333	-.01434	.01014	12.57747	4.84550	.45462	90.58060	.95196
.000	4.000	.11274	.01935	.01748	-.00526	.00886	12.64428	4.83557	4.42607	91.72653	.94679
.000	6.000	.12473	.02121	.01929	.00487	.00965	12.72423	4.84168	6.23997	89.63396	.94593
	GRADIENT	.00519	.00098	.00086	.00202	.00021	.01486	.00159	.98402	.49979	-.00017

RUN NO. 1837/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.12248	.02013	.01977	-.02045	-.00182	12.53246	4.75436	6.36153	-50.67136	.94760
4.000	-4.000	.13288	.02276	.02150	-.02409	-.00038	12.50566	4.76433	5.84831	-57.20741	.94706
4.000	.000	.15652	.02753	.02488	-.01284	-.00202	12.58850	4.75297	4.16312	-1.49240	.94648
4.000	4.000	.18645	.03194	.02912	-.00787	-.01048	12.62506	4.69418	5.41299	41.55706	.95016
4.000	6.000	.19650	.03320	.03063	-.00049	-.01645	12.67941	4.65272	6.95187	56.60763	.94927
	GRADIENT	.00670	.00115	.00095	.00203	-.00126	.01493	-.00877	-.05441	12.34556	.00039

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M069) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1838/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-4.000	-.04973	-.01025	-.00836	-.03125	.01698	12.43987	4.90595	-6.33643	37.19354	1.04907
-8.000	.000	-.04100	-.00962	-.00700	-.00413	.01858	12.65089	4.91902	-4.90533	1.27272	1.04886
-8.000	4.000	-.02877	-.01085	-.00488	.00559	.01840	12.73307	4.91752	-6.34788	-33.91132	1.04954
	GRADIENT	.00262	-.00007	.00044	.00461	.00018	.03665	.00145	-.00143	-8.88811	.00006

RUN NO. 1839/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-6.000	-4.000	-.02153	-.00490	-.00386	-.03381	.01727	12.42000	4.90832	-5.31604	45.93999	1.04654
-6.000	.000	-.00799	-.00255	-.00174	-.00618	.01978	12.63489	4.92882	-3.48377	2.38735	1.05064
-6.000	4.000	.01097	-.00198	.00138	.00012	.02234	12.68408	4.94975	-5.29564	-41.00831	1.05045
	GRADIENT	.00406	.00036	.00066	.00424	.00063	.03301	.00518	.00255	-10.86854	.00049

RUN NO. 1840/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-4.000	.00573	.00098	.00057	-.03200	.01818	12.43410	4.91574	-4.40969	56.34189	1.05041
-4.000	.000	.02576	.00529	.00375	-.00779	.02108	12.62238	4.93949	-2.01321	1.60437	1.04639
-4.000	4.000	.05339	.00613	.00833	-.00055	.02292	12.67875	4.95449	-4.38842	-50.90895	1.04867
	GRADIENT	.00596	.00064	.00097	.00393	.00059	.03058	.00484	.00266	-13.40636	-.00022

RUN NO. 1841/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-2.000	-4.000	.03386	.00677	.00522	-.02946	.01937	12.45385	4.92545	-4.05914	76.23782	1.04909
-2.000	.000	.05980	.01183	.00951	-.01054	.02191	12.60101	4.94622	-.57591	9.99150	1.04868
-2.000	4.000	.09289	.01281	.01496	-.00496	.01768	12.64445	4.91164	-3.98355	-69.00080	1.05380
	GRADIENT	.00738	.00076	.00122	.00306	-.00021	.02382	-.00173	.00945	-18.15483	.00059

RUN NO. 1842/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-4.000	.06364	.01321	.01000	-.02511	.01814	12.48770	4.91538	-3.53980	88.16865	1.04770
.000	.000	.09213	.01838	.01477	-.01120	.01894	12.59584	4.92199	.37085	89.84727	1.04808
.000	4.000	.13235	.02012	.02127	-.00807	.00788	12.62024	4.83149	4.17285	88.02641	1.05112
	GRADIENT	.00859	.00086	.00141	.00213	-.00128	.01657	-.01049	.96408	-.01778	.00043

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M069) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1843/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
2.000	-4.000	.10388	.01940	.01712	-.03086	.01249	12.44290	4.86922	4.10107	-83.15795	1.05192
2.000	.000	.13178	.02303	.02164	-.01911	.00969	12.53433	4.84626	2.46663	2.01453	1.05155
2.000	4.000	.16384	.02626	.02631	-.00759	-.00446	12.62394	4.73422	4.41309	63.12685	1.04698
	GRADIENT	.00750	.00086	.00115	.00291	-.00212	.02263	-.01688	.03900	15.78560	-.00062

RUN NO. 1844/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-4.000	.13391	.02375	.02225	-.02976	.00417	12.45152	4.80111	5.46185	-53.03548	1.05104
4.000	.000	.16300	.02780	.02659	-.02174	-.00329	12.51392	4.74282	4.02631	-3.40758	1.05141
4.000	4.000	.19535	.03160	.03117	-.00385	-.01797	12.65304	4.63506	5.61441	49.47126	1.05297
	GRADIENT	.00768	.00098	.00111	.00324	-.00277	.02519	-.02078	.01907	12.81334	.00024

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M070) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1846/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.05771	-.00897	-.00945	-.02154	.01741	12.51085	4.91334	-7.64840	47.72718	1.10142
-8.000	-4.000	-.05830	-.00981	-.00946	-.01245	.01723	12.58350	4.91189	-6.27477	37.35720	1.09974
-8.000	.000	-.04700	-.00872	-.00790	.01779	.01852	12.84663	4.92268	-4.86331	1.32117	1.09735
-8.000	4.000	-.03161	-.01004	-.00529	.02361	.01821	12.90024	4.92012	-6.32832	-35.53690	1.09989
-8.000	6.000	-.02078	-.01066	-.00360	.02654	.01952	12.92712	4.93114	-7.41904	-42.00849	1.09993
	GRADIENT	.00334	-.00003	.00052	.00451	.00012	.03959	.00103	-.00669	-9.11176	.00002

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M070) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1847/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	-.00284	.00110	-.00058	-.02746	.01761	12.46349	4.91501	-6.28900	67.28131	1.09766
-4.000	-4.000	.00142	.00190	.00000	-.02043	.01997	12.51970	4.93493	-4.57084	60.84186	1.10058
-4.000	.000	.02171	.00598	.00329	.00983	.02295	12.77347	4.95992	-2.02228	5.77241	1.09808
-4.000	4.000	.05396	.00711	.00866	.01401	.02464	12.81192	4.97412	-4.39021	-52.13419	1.10000
-4.000	6.000	.07099	.00518	.01168	.01427	.01448	12.81427	4.88870	-6.82577	-72.36683	1.09795
	GRADIENT	.00657	.00065	.00108	.00431	.00058	.03653	.00490	.02258	-14.12201	-.00007

RUN NO. 1848/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.05464	.01212	.00854	-.02504	.01920	12.48284	4.92840	-5.70894	90.88654	1.09658
.000	-4.000	.06708	.01432	.01069	-.02243	.02369	12.50371	4.96614	-3.60277	89.48242	1.09772
.000	.000	.09280	.01788	.01524	.00260	.01597	12.70689	4.90125	.37692	90.19336	1.10237
.000	4.000	.12735	.01813	.02080	.00301	.00179	12.71070	4.78203	4.25379	89.55863	1.10186
.000	6.000	.14242	.01859	.02320	.00241	-.00594	12.70517	4.72218	6.00188	86.96079	1.09789
	GRADIENT	.00753	.00048	.00126	.00318	-.00274	.02587	-.02301	.98207	.00953	.00052

RUN NO. 1849/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.11063	.02188	.01869	-.02602	.00933	12.47500	4.84546	6.19333	-50.54659	1.09944
4.000	-4.000	.12650	.02436	.02136	-.02698	.00712	12.46731	4.82685	5.68860	-57.37111	1.09888
4.000	.000	.15753	.02797	.02602	-.01106	-.00646	12.59460	4.71825	3.98845	-1.27942	1.09903
4.000	4.000	.19411	.02952	.03148	-.00773	-.02479	12.62122	4.57992	5.36457	43.74457	1.09636
4.000	6.000	.20533	.02967	.03314	-.00676	-.03216	12.62899	4.52429	7.24903	63.01880	1.10367
	GRADIENT	.00845	.00065	.00127	.00241	-.00399	.01924	-.03087	-.04050	12.63946	-.00031

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M071) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-FLV = 5.000

RUN NO. 1850/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.05726	-.00652	-.00954	-.01131	.01635	12.57733	4.92762	-7.64931	48.05835	1.15419
-8.000	-4.000	-.05115	-.00694	-.00848	-.00407	.01851	12.64494	4.94891	-6.24213	36.58786	1.15052
-8.000	.000	-.03810	-.00718	-.00659	.01917	.01806	12.88909	4.94445	-4.84937	-1.12419	1.15113
-8.000	4.000	-.02441	-.00894	-.00421	.02602	.01958	12.96271	4.95941	-6.28965	-34.50982	1.15317
-8.000	6.000	-.01539	-.01068	-.00268	.02716	.02070	12.97500	4.97038	-7.41177	-42.28227	1.14849
	GRADIENT	.00334	-.00025	.00053	.00376	.00013	.03972	.00131	-.00594	-8.88721	.00033

RUN NO. 1851/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	-.00024	.00297	-.00038	-.02161	.06609	12.48113	5.41634	-6.27039	66.79564	1.15008
-4.000	-4.000	.00788	.00384	.00099	-.01409	.04229	12.55136	5.18248	-4.58231	60.31108	1.14678
-4.000	.000	.03509	.00597	.00548	.01192	.02670	12.81119	5.02932	-2.04316	5.77925	1.15446
-4.000	4.000	.06075	.00456	.00999	.01737	.01342	12.86980	4.89885	-4.39061	-52.42877	1.14996
-4.000	6.000	.07194	.00267	.01195	.01805	.00475	12.87709	4.81371	-6.80395	-72.37832	1.15272
	GRADIENT	.00661	.00009	.00112	.00393	-.00361	.03981	-.03545	.02396	-14.09248	.00040

RUN NO. 1852/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.05882	.01267	.00955	-.02323	.01894	12.46601	4.95312	-5.74008	91.18429	1.14697
.000	-4.000	.07141	.01456	.01167	-.01776	.02045	12.51707	4.96797	-3.62987	89.83149	1.14597
.000	.000	.10447	.01716	.01712	.00692	.00592	12.75742	4.82519	.34914	90.04673	1.15396
.000	4.000	.13586	.01699	.02202	.00754	-.01199	12.76404	4.66123	4.19508	88.60095	1.14885
.000	6.000	.15006	.01576	.02415	.00531	-.02134	12.7[illegible]004	4.57884	5.90213	85.83626	1.15360
	GRADIENT	.00806	.00030	.00129	.00316	-.00406	.03087	-.03834	.97812	-.12882	.00036

RUN NO. 1853/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.11469	.02182	.01932	-.02551	.00096	12.44470	4.77647	6.13046	-49.76723	1.15168
4.000	-4.000	.13004	.02353	.02185	-.02626	-.00007	12.43767	4.76642	5.68457	-57.65004	1.15002
4.000	.000	.16165	.02698	.02664	-.00714	-.01894	12.61633	4.59994	3.96906	-2.05847	1.15084
4.000	4.000	.20087	.02844	.03232	-.00521	-.03227	12.63433	4.48241	5.33907	44.30245	1.15183
4.000	6.000	.20863	.02721	.03324	-.00571	-.04095	12.62966	4.40584	7.17493	62.21927	1.15226
	GRADIENT	.00885	.00061	.00131	.00263	-.00403	.02458	-.03550	-.04319	12.74406	.00023

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M072) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1854/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-4.000	-.04524	-.00469	-.00781	.01142	.01929	12.79390	4.93817	-6.21752	37.89665	1.25068
-8.000	.000	-.02626	-.00685	-.00473	.02291	.01795	12.90545	4.92622	-4.81646	1.43657	1.24848
-8.000	4.000	-.01273	-.01130	-.00228	.02378	.00982	12.91384	4.85416	-6.24674	-34.08643	1.25257
	GRADIENT	.00406	-.00083	.00069	.00154	-.00118	.01499	-.01050	-.00365	-8.99789	.00024

RUN NO. 1855/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-6.000	-4.000	-.01447	-.00029	-.00270	.00715	.01987	12.75238	4.94332	-5.25763	46.44447	1.24727
-6.000	.000	.00950	-.00173	.00121	.01969	.01266	12.87419	4.87930	-3.43870	2.57848	1.24823
-6.000	4.000	.02695	-.00603	.00421	.01983	-.00173	12.87548	4.75323	-5.24031	-41.15464	1.24866
	GRADIENT	.00518	-.00072	.00086	.00159	-.00270	.01539	-.02376	.00216	-10.94989	.00017

RUN NO. 1856/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-4.000	.01776	.00412	.00288	.00189	.01759	12.70135	4.92304	-4.40595	56.83286	1.25094
-4.000	.000	.04445	.00350	.00729	.01581	.00577	12.83645	4.81816	-2.00216	1.70533	1.25158
-4.000	4.000	.06600	-.00018	.01059	.01479	-.01255	12.82659	4.66704	-4.37658	-50.96549	1.25052
	GRADIENT	.00603	-.00054	.00096	.00161	-.00377	.01565	-.03200	.00367	-13.47479	-.00005

RUN NO. 1857/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-2.000	-4.000	.04924	.00860	.00833	-.00181	.01102	12.66776	4.86479	-4.06531	76.33517	1.24988
-2.000	.000	.07947	.00854	.01322	.01164	-.00362	12.79601	4.73818	-.58200	9.60668	1.24991
-2.000	4.000	.10354	.00541	.01685	.00956	-.02216	12.77576	4.59058	-3.94573	-68.12779	1.24675
	GRADIENT	.00679	-.00040	.00107	.00142	-.00415	.01350	-.03428	.01495	-18.05787	-.00039

RUN NO. 1858/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-4.000	.08267	.01341	.01380	-.00614	.00147	12.63117	4.78003	-3.65186	90.39815	1.25094
.000	.000	.11220	.01470	.01828	.00998	-.01436	12.77990	4.65268	.33753	89.96616	1.24817
.000	4.000	.14065	.01201	.02228	.00441	-.03085	12.72584	4.52138	4.11301	86.84813	1.25555
	GRADIENT	.00725	-.00018	.00106	.00132	-.00404	.01183	-.03233	.97061	-.44375	.00058

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M072) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1859/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
2.000	-4.000	.11284	.01866	.01896	-.01168	-.00955	12.58447	4.69095	3.96199	-60.84516	1.25175
2.000	.000	.13979	.01945	.02282	.00437	-.02517	12.72541	4.56661	2.43989	.94432	1.24596
2.000	4.000	.17158	.01851	.02734	-.00273	-.03908	12.65998	4.45582	4.39156	64.15784	1.24644
	GRADIENT	.00734	-.00002	.00105	.00112	-.00369	.00944	-.02939	.05370	15.62537	-.00066

RUN NO. 1860/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-4.000	.13954	.02258	.02327	-.01706	-.02124	12.53909	4.59787	5.38780	-53.04030	1.24748
4.000	.000	.17047	.02466	.02768	-.00321	-.03588	12.65592	4.48131	3.95539	-3.68437	1.24986
4.000	4.000	.19765	.02359	.03135	-.01050	-.04712	12.59443	4.39179	5.58023	49.81071	1.24862
	GRADIENT	.00726	.00013	.00101	.00082	-.00324	.00692	-.02576	.02405	12.85638	.00014

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M073) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1861/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.03674	-.00453	-.00622	.02178	.02227	12.90222	4.97180	-7.49164	48.88940	1.40291
-8.000	-4.000	-.03203	-.00524	-.00549	.02199	.01574	12.90429	4.91174	-6.08298	37.87238	1.40377
-8.000	.000	-.01722	-.00982	-.00327	.02160	.00043	12.90036	4.77100	-4.68000	-.22309	1.40262
-8.000	4.000	-.00985	-.01391	-.00227	.01774	-.01168	12.86152	4.67055	-6.15076	-36.09443	1.40423
-8.000	6.000	-.00707	-.01519	-.00199	.01393	-.01597	12.82319	4.63515	-7.22611	-42.12784	1.40283
	GRADIENT	.00277	-.00108	.00040	-.00053	-.00343	-.00535	-.03015	-.00847	-9.24585	.00006

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M073) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1862/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	.01745	.00303	.00277	.01016	.00407	12.78526	4.80444	-6.27191	69.21048	1.40430
-4.000	-4.000	.02551	.00260	.00406	.01198	-.00365	12.80353	4.73688	-4.51067	62.31741	1.40338
-4.000	.000	.05148	-.00125	.00801	.01118	-.01977	12.79553	4.60380	-1.93593	6.75553	1.40118
-4.000	4.000	.05668	-.00732	.00861	.00173	-.03215	12.70045	4.50161	-4.18702	-50.36023	1.40495
-4.000	6.000	.06040	-.00909	.00913	-.00287	-.03569	12.65790	4.47237	-6.82700	-74.13826	1.40311
	GRADIENT	.00390	-.00124	.00057	-.00128	-.00356	-.01289	-.02941	.04046	-14.08470	.00020

RUN NO. 1863/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.07024	.01052	.01182	-.00501	-.01010	12.63918	4.68364	-5.44060	88.70879	1.40188
.000	-4.000	.08388	.01103	.01375	.00003	-.01641	12.68327	4.63152	-3.38771	87.32547	1.40053
.000	.000	.10971	.00864	.01735	-.00350	-.03187	12.65243	4.50388	.46516	90.45545	1.40166
.000	4.000	.12632	.00344	.01968	-.01705	-.04203	12.53387	4.42002	4.45722	91.79760	1.39897
.000	6.000	.13079	.00128	.02040	-.02583	-.04434	12.45708	4.40097	6.43482	91.64475	1.40130
	GRADIENT	.00531	-.00095	.00074	-.00213	-.00320	-.01867	-.02644	.98062	.55902	-.00020

RUN NO. 1864/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.12648	.01950	.02086	-.01431	-.02957	12.55781	4.52286	6.13436	-50.07484	1.40091
4.000	-4.000	.14025	.02040	.02310	-.01248	-.03490	12.57389	4.47889	5.62965	-57.06846	1.39978
4.000	.000	.16844	.01989	.02684	-.01651	-.04625	12.53860	4.38522	3.96147	-3.06241	1.40306
4.000	4.000	.19024	.01649	.02965	-.03792	-.05347	12.35133	4.32562	5.29340	42.07375	1.39968
4.000	6.000	.19508	.01426	.03036	-.04397	-.05619	12.29844	4.30310	7.12149	60.60950	1.39952
	GRADIENT	.00625	-.00049	.00082	-.00318	-.00232	-.02782	-.01916	-.04203	12.39278	-.00001

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M074) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1865/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.000	-6.000	-.02337	-.00396	-.00428	.02714	.00759	12.93757	4.83201	-7.56125	48.07648	1.55090
-8.000	-4.000	-.01903	-.00454	-.00377	.02546	.00133	12.92179	4.77836	-6.18747	37.56312	1.55074
-8.000	.000	-.00908	-.00939	-.00245	.01470	-.01070	12.82084	4.68472	-4.81301	.03147	1.55059
-8.000	4.000	-.00420	-.01284	-.00182	.00784	-.01904	12.75651	4.62052	-6.19887	-33.81003	1.55281
-8.000	6.000	-.00199	-.01423	-.00158	.00182	-.02146	12.70002	4.60194	-7.29666	-41.08306	1.54997
	GRADIENT	.00185	-.00104	.00024	-.00220	-.00255	-.02066	-.01973	-.00143	-8.02164	.00026

RUN NO. 1866/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.000	-6.000	.02715	.00240	.00418	.01416	-.00897	12.81581	4.69802	-6.29211	69.81701	1.54796
-4.000	-4.000	.03374	.00113	.00503	.01050	-.01663	12.78143	4.63910	-4.54106	63.48799	1.54934
-4.000	.000	.04675	-.00392	.00661	-.00284	-.02918	12.65983	4.54256	-1.90812	10.34362	1.55440
-4.000	4.000	.04846	-.00819	.00656	-.01587	-.03843	12.55366	4.47136	-4.25158	-51.45160	1.54796
-4.000	6.000	.05166	-.00976	.00692	-.02339	-.04046	12.49239	4.45580	-6.84351	-74.15349	1.54972
	GRADIENT	.00184	-.00116	.00019	-.00330	-.00273	-.02847	-.02097	.03619	-14.36745	-.00017

RUN NO. 1867/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.000	-6.000	.07624	.00942	.01237	.00075	-.02305	12.69004	4.58970	-5.17306	86.78818	1.55140
.000	-4.000	.08859	.00909	.01405	-.00284	-.02964	12.65982	4.53902	-3.16207	85.55560	1.55249
.000	.000	.10667	.00394	.01638	-.02124	-.04185	12.50988	4.44507	.65027	90.47208	1.54762
.000	4.000	.11561	-.00073	.01747	-.03697	-.04824	12.38175	4.39590	4.79812	95.06179	1.54910
.000	6.000	.11728	-.00233	.01771	-.04384	-.05111	12.32572	4.37385	6.92450	96.17539	1.55008
	GRADIENT	.00338	-.00123	.00043	-.00427	-.00233	-.03476	-.01789	.99502	1.18827	-.00042

RUN NO. 1868/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.000	-6.000	.11875	.01744	.01914	-.01364	-.03389	12.57187	4.50634	6.14747	-47.38249	1.55008
4.000	-4.000	.13470	.01752	.02188	-.01949	-.04160	12.52414	4.44703	5.74096	-55.39351	1.54940
4.000	.000	.16111	.01438	.02529	-.03561	-.04978	12.39282	4.38406	4.17937	-7.88482	1.54983
4.000	4.000	.17785	.01056	.02745	-.05540	-.05582	12.23156	4.33760	5.33982	37.82566	1.54961
4.000	6.000	.17950	.00807	.02781	-.06331	-.05747	12.16708	4.32489	7.08839	56.52645	1.54808
	GRADIENT	.00539	-.00087	.00070	-.00449	-.00178	-.03657	-.01368	-.05014	11.65240	.00003

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M075) (29 MAY 80)

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LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1694/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.105	-7.946	.01060	-.01100	.00100	-.00280	-.00160	12.66823	8.90904	-10.00540	51.63540	.60180
-8.076	-3.872	.00530	-.01140	.00020	.00140	-.00010	12.69150	8.91650	-7.14120	33.05250	.60370
-8.120	.330	.00180	-.01280	-.00040	.01190	.00100	12.75522	8.92255	-6.01310	-1.19640	.60260
-7.922	4.170	.00640	-.01270	.00080	.01470	.00100	12.77222	8.92255	-7.22530	-32.37190	.60210
-7.864	8.190	.00560	-.01430	.00140	.01600	.00090	12.78011	8.92199	-10.05730	-51.28510	.60210
	GRADIENT	.00012	-.00016	.00007	.00167	.00014	.01012	.00076	-.00609	-8.13518	-.00020

RUN NO. 1695/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.188	-8.047	.04740	-.00160	.00730	-.00430	-.00180	12.66032	8.90804	-8.46190	68.54410	.60260
-4.129	-3.939	.04890	-.00020	.00740	-.00090	-.00080	12.67825	8.91302	-4.79560	53.89490	.60070
-4.002	.185	.05420	.00090	.00830	.00890	-.00060	12.73701	8.91401	-2.50050	.26480	.60130
-3.828	4.161	.06520	.00300	.01060	.01160	-.00140	12.75340	8.91003	-4.84910	-52.85230	.59930
-3.792	8.163	.06890	.00210	.01210	.01230	-.00270	12.75765	8.90356	-8.45390	-68.21880	.60120
	GRADIENT	.00201	.00039	.00039	.00155	-.00007	.00931	-.00036	-.00310	-13.17790	-.00017

RUN NO. 1696/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.132	-8.249	.08960	.00860	.01430	-.00630	-.00480	12.64978	8.89311	-8.02630	90.01910	.60020
-.223	-4.025	.09300	.01080	.01480	-.00350	-.00330	12.66454	8.90057	-3.82090	89.96520	.60230
-.207	-.079	.10080	.01330	.01600	.00590	-.00360	12.71881	8.89908	.10190	89.97870	.59990
-.164	3.839	.11070	.01510	.01790	.00890	-.00490	12.73701	8.89261	4.00280	89.96520	.60180
-.075	7.830	.12030	.01640	.02010	.01020	-.00670	12.74490	8.88365	7.97410	89.96520	.60040
	GRADIENT	.00225	.00055	.00039	.00158	-.00020	.00922	-.00101	.99480	.00000	-.00006

RUN NO. 1697/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.257	-7.801	.14140	.02130	.02320	-.00740	-.01030	12.64398	8.86573	8.84740	-65.95010	.60080
4.164	-3.823	.15310	.02500	.02530	-.00490	-.01020	12.65716	8.86622	5.70010	-46.09550	.60010
4.098	.193	.16270	.02790	.02680	.00370	-.01060	12.70546	8.86423	4.40030	-.07740	.60180
3.843	4.102	.17200	.02990	.02850	.00620	-.01220	12.72063	8.85627	5.71990	45.85310	.60170
3.893	7.974	.18280	.03180	.03100	.00640	-.01510	12.72184	8.84183	8.88380	65.39530	.60010
	GRADIENT	.00238	.00062	.00040	.00140	-.00025	.00803	-.00125	.00103	11.60215	.00020

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M075) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1728/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
8.168	-7.697	.17830	.03000	.03010	-.00800	-.01280	12.64081	8.85328	10.82780	-48.31080	.60090
8.176	-3.771	.20110	.03560	.03410	-.00820	-.01550	12.63976	8.83984	8.62670	-28.34240	.60090
7.799	.145	.20910	.03910	.03540	-.00380	-.01630	12.66296	8.83586	7.55390	-.43990	.60020
8.122	4.132	.23360	.04440	.03970	.00030	-.02170	12.68482	8.80898	8.76540	27.83620	.59930
8.189	8.096	.24750	.04710	.04280	.00180	-.02620	12.69392	8.78658	11.13730	47.46640	.60100
	GRADIENT	.00412	.00111	.00071	.00108	-.00079	.00570	-.00391	.01843	7.10864	-.00020

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M076) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1698/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.283	-5.997	-.00790	-.01390	-.00110	-.02520	-.00180	12.51703	8.90581	-8.26910	44.95280	.79860
-8.344	-3.871	-.00990	-.01380	-.00150	-.02260	-.00050	12.53416	8.91389	-6.95190	33.34700	.79730
-8.282	.360	-.01180	-.01510	-.00170	-.00500	.00220	12.65007	8.93224	-5.68940	-1.48060	.79790
-7.998	4.243	-.00210	-.01420	.00000	.00060	.00250	12.68755	8.93432	-6.93090	-33.78770	.79800
-7.761	6.244	.00360	-.01390	.00110	.00150	.00230	12.69437	8.93293	-8.15820	-45.37800	.79720
	GRADIENT	.00094	-.00005	.00018	.00288	.00037	.01903	.00254	.00701	-8.27400	.00009

RUN NO. 1699/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.237	-6.092	.04190	-.00220	.00670	-.02200	-.00060	12.53811	8.91327	-6.50990	63.85250	.79820
-4.439	-4.052	.04070	-.00200	.00650	-.02160	.00040	12.54074	8.91977	-4.83190	53.57110	.79780
-4.110	.193	.04760	-.00010	.00780	-.00500	.00130	12.65007	8.92600	-2.34470	.25250	.79920
-3.925	4.261	.06150	.00220	.01010	.00040	.00140	12.68603	8.92670	-4.77430	-53.84140	.79730
-3.641	6.227	.07070	.00350	.01200	-.00020	.00070	12.68168	8.92185	-6.44370	-64.21000	.79790
	GRADIENT	.00250	.00050	.00043	.00266	.00012	.01754	.00084	.01110	-12.91937	-.00006

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M076) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1700/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.148	-6.107	.09340	.00980	.01480	-.01670	-.00240	12.57301	8.90208	-5.77490	90.03260	.79780
-.201	-4.289	.09370	.01090	.01490	-.01890	-.00140	12.55853	8.90830	-3.96750	89.97870	.79950
-.210	-.264	.10150	.01390	.01630	-.00490	-.00090	12.65073	8.91140	.03150	89.95180	.79920
-.141	3.626	.11760	.01680	.01890	.00000	-.00190	12.68300	8.90519	3.89720	89.95180	.79870
-.039	5.698	.12760	.01860	.02090	.00000	-.00310	12.68300	8.89773	5.95830	89.95180	.79850
	GRADIENT	.00301	.00075	.00050	.00239	-.00006	.01577	-.00039	.99361	-.00342	-.00010

RUN NO. 1701/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.188	-5.695	.15350	.02330	.02520	-.01360	-.00870	12.59343	8.86291	7.02210	-60.08130	.80040
3.865	-3.706	.15400	.02450	.02550	-.01520	-.00690	12.58289	8.87410	5.37160	-49.48800	.79740
4.014	.199	.17010	.02900	.02820	-.00250	-.00720	12.66654	8.87224	4.20570	-.13120	.79900
3.775	4.000	.18920	.03270	.03140	.00010	-.00930	12.68376	8.85918	5.53350	47.69690	.79870
4.000	5.992	.19950	.03480	.03310	.00130	-.01210	12.69285	8.84178	7.20040	58.86710	.80190
	GRADIENT	.00457	.00106	.00077	.00199	-.00031	.01313	-.00193	.01955	12.61090	.00017

RUN NO. 1702/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
6.345	-5.706	.18040	.02910	.03000	-.01160	-.00950	12.60660	8.85794	8.22460	-48.14360	.79990
6.072	-3.717	.18700	.03110	.03110	-.01500	-.00980	12.58421	8.85607	6.84740	-36.76480	.79900
5.932	.208	.20320	.03610	.03380	-.00400	-.01130	12.65666	8.84675	5.73750	-.04260	.79810
5.641	4.012	.21300	.03880	.03470	-.00150	-.01650	12.67312	8.81442	6.71860	37.05610	.79830
6.011	6.056	.22290	.04090	.03600	.00070	-.02140	12.68831	8.78396	8.27540	48.35940	.79970
	GRADIENT	.00337	.00100	.00047	.00175	-.00086	.01154	-.00537	-.01805	9.55003	-.00009

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M077) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1703/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.289	-6.014	-.02180	-.01230	-.00420	-.02680	.00210	12.49243	8.93271	-8.11730	45.82430	.89990
-8.330	-3.935	-.02420	-.01290	-.00450	-.02300	.00270	12.51945	8.93719	-6.80470	34.48230	.89900
-8.308	.310	-.02750	-.01380	-.00470	.00310	.00310	12.70837	8.94018	-5.51130	-1.07740	.90000
-8.007	4.256	-.01660	-.01300	-.00260	.01270	.00320	12.78693	8.94093	-6.76960	-34.68720	.89820
-7.753	6.250	-.00890	-.01270	-.00110	.01360	.00230	12.79430	8.93420	-8.01030	-46.28360	.89980
	GRADIENT	.00091	-.00001	.00023	.00438	.00006	.03281	.00046	.00809	-8.44453	-.00009

RUN NO. 1704/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.249	-6.147	.02430	-.00210	.00360	-.02350	.00590	12.51589	8.96112	-6.48890	64.65270	.89770
-4.413	-4.093	.02350	-.00200	.00360	-.02160	.00620	12.52940	8.96337	-4.77430	54.71470	.89700
-4.116	.188	.03420	.00080	.00560	.00060	.00590	12.68791	8.96112	-2.25540	.26680	.89990
-3.938	4.270	.05270	.00360	.00860	.01170	.00650	12.77875	8.96561	-4.73090	-54.38460	.89730
-3.665	6.246	.06230	.00460	.01050	.01520	.00630	12.80739	8.96412	-6.40760	-64.75300	.89860
	GRADIENT	.00348	.00067	.00060	.00399	.00004	.02988	.00026	.00995	-13.04404	.00004

RUN NO. 1705/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.088	-6.235	.07920	.00930	.01270	-.02290	.00260	12.52016	8.93644	-5.88650	90.16730	.89670
-.189	-4.391	.08080	.01040	.01290	-.02310	.00300	12.51874	8.93944	-4.05310	89.99220	.89770
-.210	-.078	.09480	.01440	.01550	.00030	.00290	12.68545	8.93869	.22940	89.96520	.90200
-.136	3.650	.11790	.01820	.01910	.00860	.00290	12.75338	8.93869	3.93110	89.93830	.90300
-.044	5.683	.13000	.02030	.02110	.01390	.00180	12.79675	8.93046	5.95390	89.95180	.90180
	GRADIENT	.00458	.00097	.00077	.00398	-.00001	.02942	-.00010	.99285	-.00669	.00067

RUN NO. 1711/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.192	-5.665	.14340	.02160	.02370	-.02330	-.00370	12.51732	8.89216	6.97310	-60.42950	.90110
4.106	-3.710	.15100	.02370	.02490	-.02560	-.00600	12.50096	8.87673	5.48210	-48.36650	.89900
3.991	.203	.16850	.02820	.02740	-.00370	-.00900	12.65668	8.85659	4.14090	-.03680	.89970
3.788	3.991	.18720	.03180	.02990	.00590	-.01300	12.73128	8.82974	5.51710	47.92740	.90030
4.023	5.960	.19850	.03340	.03150	.00830	-.01850	12.75092	8.79282	7.15360	59.15410	.90080
	GRADIENT	.00470	.00105	.00065	.00410	-.00091	.02996	-.00610	.00265	12.50373	.00017

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M078) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1707/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.061	-6.002	-.02620	-.01170	-.00470	-.03330	-.00820	12.43786	8.86002	-7.90740	47.02710	.94650
-8.373	-3.962	-.03030	-.01290	-.00530	-.02960	-.00360	12.46510	8.89198	-6.74750	34.94220	.94930
-8.299	.262	-.03200	-.01350	-.00520	-.01140	.00340	12.59908	8.94332	-5.41160	-.66560	.94880
-7.996	4.268	-.01820	-.01270	-.00280	-.00990	.00610	12.61012	8.96423	-6.70140	-35.14040	.94890
-7.784	6.255	-.01130	-.01220	-.00150	-.00140	.00670	12.67269	8.96887	-7.95740	-46.63190	.94750
	GRADIENT	.00145	.00002	.00030	.00241	.00118	.01775	.00881	.00841	-8.51514	-.00005

RUN NO. 1708/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.124	-6.130	.02330	-.00200	.00380	-.03030	-.00630	12.45995	8.87322	-6.41670	65.38100	.94820
-4.452	-4.110	.02140	-.00260	.00340	-.02960	-.00340	12.46510	8.89337	-4.77540	54.82260	.94690
-4.111	.186	.03320	.00050	.00570	-.01500	-.00150	12.57258	8.90658	-2.21800	.27720	.94940
-3.958	4.276	.05320	.00310	.00900	-.00550	.00060	12.64251	8.92165	-4.72080	-54.49610	.94740
-3.665	6.238	.06480	.00440	.01120	-.00040	.00110	12.68006	8.92552	-6.37750	-64.93390	.94820
	GRADIENT	.00378	.00068	.00067	.00288	.00048	.02119	.00337	.01148	-13.03300	.00006

RUN NO. 1710/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.067	-6.293	.07590	.00840	.01240	-.03070	-.00960	12.45700	8.85029	-5.93370	89.96520	.94870
-.128	-4.289	.07790	.00880	.01290	-.03040	-.01140	12.45921	8.83778	-3.94410	89.96520	.95120
-.148	-.166	.09160	.01270	.01530	-.01930	-.00710	12.54092	8.86766	.14530	89.96520	.95150
-.065	3.852	.11830	.01690	.01940	-.01050	-.00680	12.60570	8.86975	4.13220	89.93830	.94970
.049	5.747	.13490	.01910	.02220	-.00700	-.00880	12.63147	8.85585	6.01450	89.93830	.95030
	GRADIENT	.00496	.00099	.00080	.00245	.00057	.01800	.00394	.99202	-.00329	-.00018

RUN NO. 1709/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.114	-5.663	.13890	.01890	.02360	-.03070	-.02010	12.45700	8.77733	6.91970	-61.27200	.94930
3.838	-3.676	.14680	.02040	.02480	-.03710	-.02380	12.40989	8.75161	5.26780	-50.49110	.94890
3.948	.190	.17070	.02540	.02840	-.02470	-.03080	12.50117	8.70297	4.09450	-.18060	.95000
3.794	3.983	.19360	.02940	.03120	-.01450	-.03260	12.57626	8.69046	5.49960	48.07140	.94690
4.067	5.942	.20750	.03140	.03320	-.00860	-.03600	12.61969	8.66684	7.13690	59.25450	.95200
	GRADIENT	.00611	.00118	.00084	.00295	-.00115	.02173	-.00800	.02920	12.86931	-.00026

IA105A, AEDC PWT-TF470, O T S W0/SILTS (58M079) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1712/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.044	-6.082	-.05080	-.01180	-.00760	-.03090	-.00620	12.44263	8.87147	-7.78140	48.13620	1.05110
-8.351	-3.992	-.04970	-.01270	-.00740	-.03090	-.00510	12.44263	8.87955	-6.54800	35.94150	1.05130
-8.073	.181	-.03470	-.01140	-.00510	-.00370	-.00220	12.65422	8.90085	-5.01150	.08620	1.04910
-7.964	4.294	-.02050	-.01260	-.00260	.00470	-.00170	12.72508	8.90452	-6.49890	-36.24900	1.05030
-7.723	6.304	-.00900	-.01260	-.00070	.00580	-.00080	12.73493	8.91113	-7.78940	-47.83020	1.04940
	GRADIENT	.00352	.00001	.00058	.00430	.00041	.03413	.00302	.00681	-8.71237	-.00012

RUN NO. 1713/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-3.968	-6.181	.00510	-.00200	.00160	-.03750	-.00710	12.39129	8.86486	-6.35440	86.55070	1.05050
-4.434	-4.136	.00510	-.00240	.00150	-.03940	-.00670	12.37651	8.86780	-4.72280	55.44810	1.04930
-4.109	.181	.03060	.00310	.00560	-.00660	-.00340	12.63166	8.89203	-2.11920	.27460	1.04880
-3.975	4.319	.06190	.00440	.01080	-.00520	-.00130	12.64255	8.90745	-4.69350	-55.18560	1.05070
-3.615	6.286	.08400	.00480	.01470	-.00550	-.00350	12.64022	8.89130	-6.34340	-65.61610	1.04910
	GRADIENT	.00671	.00081	.00110	.00407	.00064	.03166	.00470	.00779	-13.08188	.00016

RUN NO. 1714/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.096	-6.284	.06140	.00870	.01060	-.03120	-.00930	12.44029	8.84871	-5.91160	90.18080	1.05130
-.009	-4.390	.06890	.01070	.01180	-.03270	-.00680	12.42863	8.86707	-4.03490	90.00570	1.04660
-.035	-.236	.09850	.01650	.01680	-.00840	-.00420	12.61766	8.88616	.08300	89.95180	1.05250
.042	3.591	.13260	.01840	.02230	-.00840	-.01380	12.61766	8.81566	3.87620	89.95180	1.04920
.166	5.671	.15350	.01900	.02560	-.00810	-.02100	12.61999	8.76279	5.93960	89.87090	1.05080
	GRADIENT	.00797	.00097	.00131	.00308	-.00086	.02400	-.00628	.99124	-.00684	.00034

RUN NO. 1715/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.196	-5.641	.13210	.02090	.02270	-.03220	-.01830	12.43252	8.78262	6.88850	-61.59230	1.04810
3.909	-3.677	.14220	.02230	.02430	-.03830	-.01860	12.38506	8.78042	5.24270	-51.06230	1.04830
4.074	.197	.17170	.02700	.02870	-.02090	-.02320	12.52042	8.74864	4.04050	-.11930	1.05110
3.757	3.956	.19430	.02960	.03170	-.01180	-.03140	12.59121	8.68643	5.38030	49.34600	1.05060
3.816	5.849	.21080	.03020	.03410	-.01320	-.04200	12.58032	8.60859	6.89630	61.46250	1.05000
	GRADIENT	.00683	.00096	.00097	.00348	-.00167	.02705	-.01230	.01636	13.15448	.00030

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M080) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1716/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.026	-6.188	-.05450	-.01050	-.00810	-.02130	-.00440	12.51273	8.88380	-7.82640	48.82030	1.09950
-8.462	-3.958	-.06040	-.01250	-.00890	-.00920	-.00420	12.60946	8.88531	-6.51290	35.77610	1.09880
-8.303	.348	-.04570	-.01150	-.00680	.02160	-.00180	12.88171	8.90342	-5.10030	-1.60890	1.10210
-7.999	4.309	-.02350	-.01180	-.00300	.02430	-.00190	12.90655	8.90266	-6.49090	-38.36050	1.09890
-7.690	6.318	-.00820	-.01170	-.00050	.02530	-.00010	12.91575	8.91625	-7.76050	-48.08090	1.09910
	GRADIENT	.00445	.00009	.00071	.00410	.00028	.03633	.00213	.00736	-8.72566	.00002

RUN NO. 1717/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.176	-6.199	-.00110	-.00100	.00050	-.02950	-.00470	12.44718	8.88153	-6.41870	65.56650	1.10180
-4.438	-4.148	-.00040	-.00110	.00070	-.02120	-.00410	12.51353	8.88606	-4.71170	55.79310	1.10120
-4.130	.181	.02780	.00420	.00520	.01160	-.00240	12.78972	8.89889	-2.12380	.31160	1.10010
-4.006	4.324	.06250	.00480	.01100	.01260	-.00070	12.79892	8.91172	-4.70770	-54.92790	1.09850
-3.578	6.292	.08830	.00450	.01550	.01110	-.01000	12.78512	8.84154	-6.34440	-65.60220	1.09730
	GRADIENT	.00742	.00070	.00121	.00402	.00040	.03391	.00305	.00494	-13.06685	-.00032

RUN NO. 1718/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.113	-6.279	.06140	.01060	.01060	-.02780	-.00530	12.46077	8.87701	-5.90760	90.16730	1.09790
.008	-4.412	.07130	.01210	.01220	-.02600	-.00260	12.47516	8.89738	-4.05820	90.03260	1.10130
-.058	-.144	.09720	.01580	.01690	.00230	-.00810	12.70416	8.85588	.17440	89.92480	1.10110
.024	3.601	.13100	.01710	.02210	.00280	-.01960	12.70876	8.76910	3.88810	89.92480	1.09880
.169	5.689	.15200	.01790	.02550	-.00100	-.02750	12.67501	8.70949	5.96050	89.95180	1.09990
	GRADIENT	.00742	.00063	.00123	.00366	-.00210	.02972	-.01586	.99170	-.01373	-.00031

RUN NO. 1719/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.196	-5.615	.12490	.02140	.02180	-.03100	-.01590	12.43519	8.79702	6.85070	-61.91260	1.10010
3.889	-3.667	.13380	.02280	.02320	-.02830	-.01660	12.45678	8.79174	5.20880	-51.48020	1.09940
4.060	.196	.16740	.02700	.02840	-.00890	-.02920	12.61186	8.69666	4.01680	-.11750	1.10060
3.768	3.949	.19570	.02770	.03250	-.00580	-.04400	12.63664	8.58498	5.37700	49.45400	1.09840
4.079	5.905	.21350	.02900	.03510	-.00820	-.05110	12.61745	8.53141	7.05330	60.27290	1.10040
	GRADIENT	.00813	.00065	.00122	.00296	-.00360	.02370	-.02714	.02048	13.25400	-.00013

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M081) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 876.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1720/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.419	-6.247	-.05850	-.00900	-.00910	-.01030	-.00150	12.58678	8.90377	-8.03230	47.64650	1.15220
-8.359	-3.961	-.05150	-.00930	-.00770	-.00030	-.00330	12.68020	8.88790	-6.47580	36.01340	1.14940
-8.324	.355	-.03820	-.01000	-.00570	.02330	-.00190	12.93351	8.90024	-5.12650	-1.66570	1.15020
-7.985	4.315	-.01640	-.01080	-.00210	.02730	-.00080	12.97651	8.90995	-6.48290	-36.45110	1.14910
-7.747	6.320	-.00330	-.01190	.00020	.02700	-.00040	12.97329	8.91347	-7.76050	-47.98340	1.15200
	GRADIENT	.00422	-.00018	.00067	.00337	.00030	.03615	.00267	.00382	-8.75550	-.00003

RUN NO. 1721/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.183	-6.219	.00090	.00080	.00070	-.02200	-.00300	12.47748	8.89054	-6.44170	65.45240	1.15070
-4.405	-4.133	.00600	.00110	.00160	-.01280	-.00270	12.56342	8.89319	-4.69460	55.84940	1.15110
-4.126	.185	.03970	.00390	.00720	.01370	-.00060	12.83029	8.91171	-2.14380	.27900	1.15210
-3.982	4.310	.06830	.00290	.01210	.01860	-.00850	12.88298	8.84204	-4.68140	-54.98360	1.15200
-3.599	6.304	.08860	.00220	.01550	.01730	-.01820	12.86900	8.75650	-6.35140	-65.64390	1.15220
	GRADIENT	.00738	.00022	.00124	.00374	-.00068	.03803	-.00598	.00615	-13.10118	.00011

RUN NO. 1722/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.121	-6.277	.06470	.01090	.01140	-.02600	-.00520	12.44011	8.87114	-5.90460	90.19430	1.14950
.028	-4.410	.07570	.01250	.01320	-.02020	-.00460	12.49429	8.87643	-4.05210	90.03260	1.15070
-.015	-.155	.10850	.01560	.01870	.00760	-.01680	12.76471	8.76885	.16600	89.93830	1.15100
.069	3.601	.14000	.01580	.02350	.00790	-.03070	12.76794	8.64627	3.89020	89.93830	1.15030
.200	5.683	.15790	.01530	.02620	.00390	-.03840	12.72493	8.57837	5.95610	89.87090	1.15220
	GRADIENT	.00802	.00042	.00129	.00357	-.00325	.03480	-.02865	.99141	-.01200	-.00005

RUN NO. 1723/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.204	-5.630	.12590	.02110	.02190	-.02900	-.02040	12.41208	8.73710	6.86850	-61.98220	1.15260
3.894	-3.652	.13660	.02220	.02360	-.02560	-.02400	12.44384	8.70536	5.19790	-51.47320	1.15330
4.068	.198	.17240	.02610	.02910	-.00590	-.03900	12.62788	8.57308	4.00120	-.13740	1.15150
3.747	3.954	.20030	.02610	.03290	-.00380	-.05200	12.64750	8.45844	5.34750	49.92200	1.15320
4.058	5.906	.21640	.02630	.03520	-.00780	-.05940	12.61013	8.39318	7.03540	60.51660	1.15260
	GRADIENT	.00838	.00051	.00122	.00288	-.00368	.02686	-.03247	.01829	13.33026	-.00002

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M082) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1724/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.127	-6.146	-.04650	-.00560	-.00730	.00630	.00000	12.74416	8.91700	-7.78540	48.59710	1.25060
-8.431	-3.962	-.04580	-.00700	-.00710	.01370	-.00140	12.81600	8.90585	-6.45380	36.11410	1.25050
-8.299	.356	-.02540	-.00920	-.00390	.02740	-.00050	12.94899	8.91302	-5.05290	-1.59960	1.24930
-7.997	4.324	-.00800	-.01300	-.00080	.02620	-.00510	12.93734	8.87639	-6.43370	-36.73000	1.25060
-7.766	6.322	.00020	-.01510	.00040	.02280	-.01020	12.90434	8.83578	-7.71750	-48.34560	1.24870
	GRADIENT	.00456	-.00072	.00076	.00153	-.00044	.01488	-.00348	.00715	-8.79060	.00001

RUN NO. 1725/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.227	-6.196	.00770	.00160	.00200	-.00890	.00110	12.60793	8.92676	-6.41160	65.56650	1.24690
-4.421	-4.154	.01480	.00170	.00320	.00150	-.00160	12.69756	8.90426	-4.70160	56.02310	1.24870
-4.124	.190	.04750	.00150	.00860	.01900	-.01150	12.86745	8.82543	-2.11170	.30010	1.24990
-4.002	4.336	.07130	-.00220	.01220	.01520	-.02810	12.83056	8.69325	-4.69250	-55.35270	1.24780
-3.593	6.278	.08750	-.00310	.01470	.01190	-.03380	12.79852	8.64786	-6.31130	-65.90840	1.25230
	GRADIENT	.00666	-.00046	.00106	.00163	-.00311	.01585	-.02480	.00580	-13.11632	-.00010

RUN NO. 1726/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.087	-6.291	.07340	.01090	.01300	-.01820	-.01140	12.52948	8.82623	-5.91060	90.18080	1.25130
.021	-4.409	.08430	.01210	.01470	-.00990	-.01690	12.59949	8.78243	-4.04550	89.99220	1.25020
.012	-.174	.11750	.01340	.01980	.01100	-.02970	12.78979	8.68051	.15180	89.93830	1.25380
.074	3.586	.14280	.01140	.02350	.00630	-.04260	12.74416	8.57779	3.87890	89.92480	1.24900
.138	5.683	.15320	.00950	.02490	-.00010	-.05110	12.66216	8.51011	5.95720	89.91130	1.25100
	GRADIENT	.00733	-.00008	.00110	.00209	-.00321	.01866	-.02556	.99119	-.00852	-.00013

RUN NO. 1727/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
3.879	-3.613	.14430	.02140	.02460	-.01510	-.03920	12.55563	8.60487	5.15750	-51.41050	1.25170
3.976	.206	.17510	.02360	.02910	-.00070	-.05080	12.67710	8.51250	3.91010	-.16380	1.24970
3.792	3.954	.19860	.02200	.03220	-.00890	-.06090	12.60793	8.43208	5.36610	49.59080	1.25110
4.034	5.907	.21070	.02110	.03390	-.01630	-.06680	12.54551	8.38510	7.02210	60.67430	1.25030
	GRADIENT	.00718	.00008	.00100	.00083	-.00287	.00699	-.02284	.02645	13.34836	-.00008

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M083) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1788/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.129	-7.959	.01300	-.01210	.00200	-.00570	-.00950	12.65294	11.08571	-10.03530	51.52750	.59930
-8.101	-3 864	.00790	-.01220	.00120	-.00190	-.00740	12.67298	11.09616	-7.18620	32.75080	.60400
-8.138	302	.00500	-.01380	.00080	.00510	-.00510	12.71395	11.10761	-6.04420	-.94950	.60250
-7.668	08	.01490	-.01260	.00290	.00720	-.00560	12.72670	11.10512	-7.08910	-33.41110	.60350
-7.595	.06	.01380	-.01420	.00360	.00840	-.00570	12.73398	11 10463	-9.87360	-51.86330	.60160
	GRADIENT	.00085	-.00005	.00021	.00113	.00023	.00669	.00113	.01493	-8.19498	-.00007

RUN NO. 1789/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.220	-8.010	.05010	-.00240	.00840	-.00680	-.00960	12.64714	11.08521	-8.44590	68.13160	.60420
-4.136	-3.940	.05190	-.00100	.00850	-.00500	-.00840	12.65663	11.09118	-4.80770	53.65750	.60440
-3.986	.187	.05700	-.00010	.00950	.00190	-.00720	12.69453	11.09716	-2.49330	.22070	.60450
-3.869	4.168	.06950	.00200	.01200	.00450	-.00850	12.71031	11.09069	-4.87830	-52.47620	.60200
-3.789	8.175	.07300	.00110	.01340	.00510	-.00970	12.71395	11.08471	-8.47190	-68.14920	.60120
	GRADIENT	.00216	.00037	.00043	.00117	-.00001	.00664	-.00005	-.00522	-13.08848	-.00029

RUN NO. 1790/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.066	-8.128	.09420	.00810	.01570	-.00840	-.01390	12.63870	11.06381	-7.90540	90.18730	.60150
-.182	-4.270	.09950	.01020	.01640	-.00810	-.01150	12.64028	11.07575	-4.06580	90.00570	.60050
-.187	-.042	.10520	.01240	.01740	-.00010	-.01070	12.68247	11.07974	.14300	89.97870	.60320
-.136	3.798	.11680	.01430	.01950	.00250	-.01230	12.69817	11.07177	3.96080	89.96520	.60000
-.044	7.829	.12690	.01570	.02190	.00320	-.01460	12.70242	11.06032	7.97300	89.92480	.59970
	GRADIENT	.00213	.00051	.00038	.00132	-.00009	.00722	-.00047	.99487	-.00504	-.00005

RUN NO. 1791/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.492	-7.720	.14830	.02090	.02510	-.01050	-.01950	12.62763	11.03593	8.86790	-64.54410	.60110
4.174	-3.822	.15910	.02430	.02700	-.01070	-.02060	12.62657	11.03045	5.68700	-46.24180	.60170
4.130	.194	.16900	.02740	.02850	-.00380	-.02040	12.66296	11.03145	4.39810	-.05890	.60300
3.831	4.106	.17650	.02880	.02990	-.00110	-.02240	12.67720	11.02149	5.71110	45.99720	.60000
3.876	7.963	.18940	.03090	.03270	-.00070	-.02520	12.67931	11.00755	8.86100	65.63790	.60320
	GRADIENT	.00220	.00057	.00037	.00121	-.00023	.00640	-.00112	.00159	11.63383	-.00021

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (S8M083) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMPP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1792/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
8.217	-7.807	.18610	.02950	.03180	-.01180	-.02740	12.62077	10.99660	10.92140	-48.64520	.60060
8.180	-3.768	.21320	.03600	.03640	-.01380	-.03120	12.61023	10.97769	8.59040	-28.44710	.60080
7.798	.157	.21970	.03900	.03740	-.00880	-.03010	12.63659	10.98318	7.51350	-.34820	.60290
8.110	4.127	.24150	.04380	.04130	-.00520	-.03450	12.65558	10.96126	8.73130	27.92940	.60180
7.914	7.991	.25230	.04550	.04380	-.00350	-.03760	12.66454	10.94583	10.88860	48.04980	.60120
	GRADIENT	.00359	.00099	.00062	.00109	-.00042	.00574	-.00209	.01840	7.14147	.00013

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (S8M084) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1793/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.254	-5.972	-.00420	-.01410	-.00010	-.02740	-.01010	12.50255	11.07021	-8.25910	44.75120	.80010
-8.375	-3.879	-.00870	-.01460	-.00080	-.02510	-.00810	12.51769	11.08264	-6.98000	33.23210	.79920
-8.271	.356	-.00900	-.01580	-.00080	-.00890	-.00540	12.62439	11.09943	-5.68640	-1.44800	.79890
-8.003	4.260	.00300	-.01470	.00130	-.00440	-.00590	12.65402	11.09632	-6.97000	-33.74580	.79900
-7.764	6.239	.00810	-.01470	.00240	-.00360	-.00620	12.65929	11.09446	-8.17020	-45.22470	.80020
	GRADIENT	.00142	-.00002	.00025	.00256	.00028	.01687	.00171	.00550	-8.22881	-.00003

RUN NO. 1794/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.270	-6.119	.04300	-.00310	.00750	-.02440	-.00940	12.52230	11.07456	-6.54800	63.66660	.79940
-4.328	-3.968	.04430	-.00240	.00750	-.02360	-.00850	12.52757	11.08016	-4.71780	53.68620	.79910
-4.146	.198	.05000	-.00130	.00860	-.00890	-.00890	12.62439	11.07767	-2.37750	.12190	.79910
-3.923	4.259	.06570	.00130	.01140	-.00350	-.00830	12.65995	11.08140	-4.77840	-53.73690	.79790
-3.635	6.217	.07520	.00260	.01320	-.00390	-.00900	12.65731	11.07705	-6.43970	-64.09860	.79680
	GRADIENT	.00260	.00045	.00047	.00245	.00002	.01612	.00015	-.00492	-13.05685	-.00015

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M084) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1795/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.087	-6.223	.09640	.00890	.01600	-.01960	-.01470	12.55392	11.04161	-5.88950	90.15390	.79890
-.167	-4.392	.09710	.00990	.01610	-.02210	-.01320	12.53745	11.05094	-4.06830	89.99220	.79950
-.179	-.301	.10550	.01290	.01750	-.00990	-.01180	12.61780	11.05964	-.00290	89.96520	.80000
-.117	3.646	.12240	.01580	.02040	-.00660	-.01240	12.63953	11.05591	3.91820	89.99220	.79880
-.009	5.709	.13350	.01790	.02250	-.00630	-.01300	12.64151	11.05218	5.97150	89.93830	.80010
	GRADIENT	.00314	.00073	.00053	.00193	.00010	.01274	.00063	.99364	-.00004	-.00009

RUN NO. 1796/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.180	-5.691	.15560	.02190	.02620	-.01840	-.01910	12.56182	11.01426	7.01090	-60.19970	.79870
3.888	-3.685	.15910	.02370	.02690	-.02100	-.02050	12.54470	11.00555	5.35080	-49.42530	.79990
4.047	.204	.17560	.02800	.02970	-.00830	-.01800	12.62834	11.02110	4.21430	-.06460	.79910
3.769	4.003	.19190	.03120	.03240	-.00630	-.02010	12.64151	11.00804	5.53240	47.75450	.80010
4.011	5.985	.20110	.03370	.03350	-.00520	-.02430	12.64875	10.98193	7.18710	58.88140	.80060
	GRADIENT	.00427	.00098	.00072	.00192	.00005	.01263	.00034	.02239	12.64050	.00003

RUN NO. 1797/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
6.147	-5.673	.18330	.02780	.03110	-.01750	-.02400	12.56775	10.98379	8.06760	-49.01430	.79940
6.047	-3.712	.18980	.02970	.03230	-.02070	-.02310	12.54667	10.98939	6.82070	-36.90430	.79930
5.998	.214	.20490	.03500	.03430	-.00980	-.02500	12.61846	10.97758	5.77480	-.03640	.79860
5.599	4.007	.21470	.03720	.03550	-.00700	-.02780	12.63690	10.96017	6.68970	37.16400	.79890
5.850	5.968	.22550	.03930	.03700	-.00610	-.03210	12.64283	10.93344	8.10370	48.76270	.80120
	GRADIENT	.00323	.00097	.00042	.00178	-.00061	.01173	-.00378	-.01842	9.59477	-.00005

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M085) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1798/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.369	-6.030	-.01860	-.01300	-.00330	-.02910	-.00820	12.47607	11.07796	-8.18720	45.47140	.90000
-8.340	-3.919	-.02130	-.01350	-.00370	-.02700	-.00800	12.49101	11.07930	-6.79660	34.35290	.90320
-8.288	.315	-.02170	-.01430	-.00370	-.00360	-.00700	12.65740	11.08601	-5.50020	-1.15360	.90110
-7.928	4.250	-.00840	-.01290	-.00120	.00670	-.00580	12.73783	11.09407	-6.74550	-34.78480	.89970
-7.806	6.238	-.00410	-.01310	-.00030	.00810	-.00560	12.74929	11.09541	-8.03230	-46.03280	.90050
	GRADIENT	.00156	.00007	.00030	.00414	.00027	.03033	.00180	.01004	-8.46193	-.00043

RUN NO. 1799/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.211	-6.115	.03020	-.00250	.00490	-.02590	-.00660	12.49883	11.08870	-6.46180	64.52420	.90000
-4.438	-4.086	.02860	-.00270	.00460	-.02480	-.00610	12.50665	11.09205	-4.78550	54.39110	.89810
-4.147	.189	.03850	-.00060	.00660	-.00470	-.00830	12.64958	11.07729	-2.27620	.23400	.89840
-3.981	4.287	.05660	.00240	.00960	.00750	-.00500	12.74438	11.09944	-4.76320	-54.16870	.89950
-3.657	6.236	.06690	.00380	.01170	.01240	-.00410	12.78448	11.10548	-6.39860	-64.72510	.89860
	GRADIENT	.00334	.00061	.00060	.00386	.00013	.02843	.00085	.00686	-12.96271	.00017

RUN NO. 1800/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.064	-6.244	.08380	.00860	.01370	-.02560	-.00850	12.50096	11.07594	-5.89450	90.18080	.90000
-.152	-4.404	.08620	.00960	.01430	-.02670	-.00980	12.49314	11.06722	-4.06480	89.97870	.90090
-.183	-.111	.10150	.01340	.01700	-.00490	-.01160	12.64816	11.05514	.19890	89.99220	.90040
-.116	3.620	.12390	.01740	.02060	.00560	-.00830	12.72883	11.07729	3.90210	89.93830	.89640
-.014	5.700	.13590	.01960	.02260	.01080	-.00980	12.77138	11.06722	5.97040	89.93830	.89710
	GRADIENT	.00467	.00097	.00078	.00405	.00017	.02954	.00115	.99297	-.00483	-.00055

RUN NO. 1801/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.166	-5.675	.14840	.02060	.02500	-.02690	-.01770	12.49172	11.01419	6.96420	-60.74280	.89920
4.123	-3.709	.15720	.02280	.02640	-.02960	-.01950	12.47252	11.00211	5.47770	-48.42220	.89930
4.062	.201	.17430	.02730	.02880	-.00860	-.02460	12.62185	10.96787	4.18300	-.06070	.89940
3.760	3.977	.19220	.03070	.03120	.00160	-.02660	12.69609	10.95445	5.47990	48.19380	.89860
4.024	5.974	.20500	.03260	.03300	.00560	-.03120	12.72883	10.92357	7.16250	59.29760	.89880
	GRADIENT	.00455	.00103	.00062	.00407	-.00093	.02914	-.00622	-.00165	12.56922	-.00009

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (S8M088) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1802/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.296	-6.001	-.02240	-.01260	-.00380	-.03900	-.02120	12.39590	10.98568	-8.05130	45.99720	.94970
-8.353	-3.928	-.02750	-.01410	-.00450	-.03840	-.01720	12.40032	11.01348	-6.72650	34.69790	.94710
-8.303	.333	-.02860	-.01450	-.00440	-.02500	-.00460	12.49896	11.10103	-5.41060	-1.37090	.95180
-8.005	4.279	-.01320	-.01370	-.00180	-.02450	-.00390	12.50264	11.10590	-6.73850	-35.05680	.94520
-7.775	6.237	-.00580	-.01300	-.00050	-.01720	-.00220	12.55638	11.11771	-7.96240	-46.45080	.94610
	GRADIENT	.00172	.00005	.00032	.00171	.00164	.01261	.01138	.00264	-8.49897	-.00021

RUN NO. 1803/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.233	-6.157	.02620	-.00310	.00450	-.03610	-.01880	12.41725	11.00236	-6.47780	64.78130	.94950
-4.407	-4.087	.02700	-.00330	.00450	-.03690	-.01790	12.41136	11.00861	-4.74910	54.77940	.94790
-4.122	.186	.03650	-.00070	.00640	-.02980	-.01240	12.46363	11.04683	-2.22730	.24720	.94980
-3.963	4.263	.05730	.00210	.00990	-.02090	-.00920	12.52915	11.06907	-4.71170	-54.37770	.94770
-3.657	6.258	.06980	.00330	.01230	-.01380	-.00990	12.58141	11.06421	-6.40060	-64.94790	.94900
	GRADIENT	.00362	.00065	.00065	.00191	.00104	.01409	.00725	.00914	-13.07056	-.00002

RUN NO. 1804/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-.003	-6.253	.08050	.00750	.01350	-.03460	-.02150	12.42829	10.98360	-5.89550	90.19430	.94920
-.077	-4.405	.08380	.00780	.01410	-.03600	-.02550	12.41799	10.95580	-4.05970	90.00570	.95040
-.130	-.135	.09920	.01130	.01690	-.03360	-.02700	12.43566	10.94538	.17710	89.95180	.94710
-.050	3.616	.12500	.01530	.02100	-.02250	-.02690	12.51737	10.94607	3.89830	89.95180	.95280
.034	5.698	.13920	.01720	.02340	-.01440	-.02700	12.55700	10.94538	5.96710	89.92480	.94820
	GRADIENT	.00510	.00093	.00086	.00166	-.00018	.01220	-.00124	.99216	-.00686	.00027

RUN NO. 1805/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.170	-5.661	.14400	.01790	.02490	-.03590	-.03390	12.41872	10.89743	6.93640	-61.00740	.94690
3.873	-3.675	.15040	.01910	.02600	-.04010	-.03680	12.38781	10.87728	5.28090	-50.32390	.95040
4.062	.195	.17750	.02450	.02990	-.03080	-.04370	12.45627	10.82933	4.16570	-.11050	.94630
3.743	3.969	.19800	.02810	.03240	-.01940	-.04440	12.54019	10.82447	5.44490	48.53950	.94760
4.058	5.961	.21260	.03020	.03450	-.01460	-.04810	12.57552	10.79876	7.14350	59.48410	.94950
	GRADIENT	.00623	.00118	.00084	.00271	-.00100	.01993	-.00693	.02014	12.93347	-.00037

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M087) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1806/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.321	-6.097	-.04860	-.01340	-.00700	-.03780	-.02430	12.38895	10.95456	-7.94040	47.07030	1.04890
-8.347	-3.964	-.04530	-.01390	-.00640	-.03810	-.02230	12.38662	10.96925	-6.53700	35.72580	1.04820
-8.327	.330	-.03590	-.01310	-.00500	-.00680	-.01830	12.63010	10.99862	-5.19100	-1.44100	1.04880
-8.030	4.294	-.01800	-.01390	-.00180	-.00370	-.01670	12.65422	11.01037	-6.54500	-35.99800	1.04870
-7.708	6.307	-.00420	-.01330	.00040	-.00240	-.01650	12.66433	11.01184	-7.80340	-47.77440	1.04930
	GRADIENT	.00329	.00000	.00055	.00421	.00068	.03274	.00501	.00361	-8.68528	.00006

RUN NO. 1807/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.185	-6.187	.00280	-.00340	.00250	-.04210	-.02560	12.35550	10.94502	-6.43770	65.10980	1.05060
-4.454	-4.130	.00600	-.00330	.00410	-.04230	-.02340	12.35395	10.96117	-4.72690	55.21800	1.05140
-4.130	.180	.00910	.00180	.00690	-.01590	-.02090	12.55931	10.97953	-2.14610	.25960	1.05030
-3.976	4.297	.00630	.00330	.01130	-.01410	-.01940	12.57332	10.99054	-4.68240	-54.96270	1.04840
-3.623	6.284	.00980	.00370	.01570	-.01400	-.02140	12.57409	10.97586	-6.34640	-65.50470	1.05010
	GRADIENT	.00584	.00079	.00111	.00337	.00048	.02620	.00349	.00991	-13.07220	-.00036

RUN NO. 1808/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.101	-6.281	.06560	.00760	.01170	-.03550	-.02740	12.40684	10.93180	-5.90760	90.16730	1.05420
.026	-4.399	.07370	.01040	.01230	-.03570	-.02720	12.40529	10.93327	-4.04300	90.01910	1.05170
-.014	-.156	.10290	.01570	.01800	-.01550	-.02500	12.56242	10.94092	.16320	89.93830	1.04750
.062	3.603	.13610	.01760	.02320	-.01420	-.02940	12.57254	10.91711	3.88970	89.93830	1.05080
.172	5.686	.15710	.01790	.02640	-.01550	-.03660	12.56242	10.86424	5.95610	89.92480	1.05070
	GRADIENT	.00778	.00091	.00129	.00273	-.00026	.02125	-.00189	.99132	-.01029	-.00013

RUN NO. 1809/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.190	-5.639	.13660	.01960	.02390	-.03790	-.03670	12.38817	10.86351	6.87630	-61.71760	1.04810
3.873	-3.641	.14710	.02110	.02550	-.04500	-.03820	12.33294	10.85249	5.18590	-51.16670	1.04700
4.055	.200	.17420	.02590	.02940	-.02980	-.03780	12.45118	10.85543	4.02000	-.06810	1.05120
3.757	3.963	.20040	.02850	.03290	-.02050	-.04570	12.52353	10.79742	5.36610	49.67720	1.05260
4.078	5.923	.22260	.02980	.03620	-.02500	-.05920	12.48852	10.69829	7.05100	60.40200	1.05050
	GRADIENT	.00701	.00097	.00097	.00322	-.00098	.02508	-.00722	.02258	13.26210	.00074

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M038) (29 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1810/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-8.216	-6.066	-.05260	-.01180	-.00750	-.02500	-.02070	12.48316	10.97680	-7.83240	47.53840	1.09930
-8.376	-3.983	-.05460	-.01300	-.00770	-.01530	-.02010	12.56069	10.98133	-6.50790	38.04220	1.10000
-8.003	4.302	-.01960	-.01260	-.00200	.01510	-.01630	12.82192	11.01000	-6.49590	-36.27690	1.10470
-7.745	6.329	-.00500	-.01280	.00040	.01600	-.01550	12.83020	11.01604	-7.78940	-47.96250	1.09930
	GRADIENT	.00422	.00005	.00069	.00367	.00046	.03153	.00346	.00145	-8.72903	.00057

RUN NO. 1811/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
-4.191	-6.199	.00320	-.00200	.00160	-.03370	-.02170	12.41361	10.96925	-6.42870	65.40950	1.10150
-4.439	-4.139	.00390	-.00210	.00170	-.02710	-.02040	12.46637	10.97906	-4.70870	55.66370	1.10110
-4.146	.185	.03120	.00320	.00610	.00340	-.01980	12.71428	10.98359	-2.14810	.20490	1.10100
-4.002	4.315	.06860	.00390	.01250	.00370	-.01790	12.71704	10.99793	-4.71070	-54.70500	1.09850
-3.581	6.304	.09100	.00380	.01630	.00140	-.02470	12.69588	10.94662	-6.36650	-65.47690	1.09830
	GRADIENT	.00764	.00071	.00128	.00367	.00029	.02987	.00222	.00439	-13.05341	-.00031

RUN NO. 1812/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
.124	-6.274	.06600	.00960	.01170	-.03150	-.02390	12.43120	10.95265	-5.90250	90.16730	1.09870
.026	-4.391	.07600	.01130	.01340	-.02970	-.02250	12.44558	10.96322	-4.03790	90.01910	1.09930
-.033	-.165	.10290	.01460	.01820	-.00750	-.02720	12.62305	10.92775	.15410	89.93830	1.10090
.047	3.598	.13530	.01630	.02320	-.00580	-.03600	12.63664	10.86135	3.88700	89.93830	1.10290
.143	5.690	.15290	.01640	.02600	-.00890	-.04260	12.61186	10.81155	5.96160	89.92480	1.10070
	GRADIENT	.00740	.00063	.00122	.00304	-.00168	.02428	-.01266	.99196	-.01030	.00045

RUN NO. 1813/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAI	PHII	MACH
4.210	-5.637	.12780	.02030	.02270	-.03690	-.03520	12.38803	10.86739	6.87300	-61.92650	1.09930
3.898	-3.651	.13860	.02190	.02440	-.03680	-.03390	12.38883	10.87720	5.18810	-51.45930	1.09810
4.051	.198	.16850	.02590	.02890	-.01470	-.04230	12.56549	10.81381	4.01140	-.09370	1.09930
3.758	3.948	.19750	.02710	.03300	-.01150	-.05420	12.59107	10.72401	5.36720	49.55480	1.09940
4.083	5.916	.21500	.02820	.03550	-.01460	-.06140	12.56629	10.66968	7.06220	60.30160	1.10110
	GRADIENT	.00775	.00069	.00113	.00334	-.00267	.02670	-.02014	.02214	13.29296	.00017

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M089) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1957/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-5.983	-89.944	.11160	.02490	.01760	.03500	.00000	7.99150	-2.29950	.37010	6.34160	.94670
-5.991	.021	-.07390	-.01160	-.01340	.00750	.00000	7.86790	-2.29960	-9.16490	.19140	.94710
-5.998	90.006	.04590	.01210	.00620	-.00700	.00000	7.78560	-2.29960	-.17720	-6.36040	.94800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1958/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-.001	-89.999	.06910	.01970	.01050	.01530	.00000	7.89510	-2.29960	.23380	.31710	.94660
-.005	.007	.04520	.01490	.00630	.01710	.00000	7.91510	-2.29960	-1.36370	.18770	.94720
.009	90.019	.05670	.01750	.00810	.01450	.00000	7.89160	-2.29960	-.20550	-.30540	.94970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1959/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
5.991	-89.972	.05220	.01390	.00740	-.00690	.00000	7.78630	-2.29960	.33140	-5.72020	.94940
6.011	.010	.16550	.03650	.02560	.01240	.00000	7.89230	-2.29960	6.34060	.20380	.95050
6.007	90.019	.10890	.02500	.01680	.03380	.00000	7.98690	-2.29960	-.00170	5.73650	.94890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1960/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-5.996	-89.917	.10750	.02390	.01700	.03600	.00000	7.99680	-2.29960	.29860	6.35690	.94630
-5.992	.015	-.07590	-.01190	-.01360	.00630	.00000	7.86220	-2.29960	-9.20800	.18710	.94960
-6.000	90.006	.04830	.01280	.00660	-.00670	.00000	7.78650	-2.29960	-.09940	-6.36260	.95240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1961/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
.001	-90.013	.07310	.02030	.01110	.01470	.00000	7.89200	-2.29960	.27300	.31480	.94630
.001	.006	.04650	.01520	.00650	.01750	.00000	7.91750	-2.29960	-1.35840	.20100	.94900
.010	90.019	.05410	.01660	.00780	.01410	.00000	7.88970	-2.29960	-.30790	-.30470	.94990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M091) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1948/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-6.001	-89.972	.13820	.02270	.02210	.05320	.00000	8.10380	-2.29960	.48260	6.38700	1.09890
-6.014	-.281	-.09600	-.01000	-.01660	.06600	.00000	8.18260	-2.29960	-9.87360	.21830	1.09720
-5.998	90.073	.03280	.01570	.00430	.00130	.00000	7.82680	-2.29960	.06020	-6.38020	1.09960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1949/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-.001	-89.999	.09080	.02390	.01450	.04420	.00000	8.05530	-2.29960	.35420	.33170	1.09790
-.003	-.014	.04900	.01730	.00740	.04900	.00000	8.09300	-2.29960	-1.45570	.19850	1.10030
.010	90.046	.06380	.02150	.00990	.03890	.00000	8.02810	-2.29960	-.14630	-.31690	1.10000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1950/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
6.000	-89.985	.05070	.01970	.00750	.00460	.00000	7.84460	-2.29960	.63090	-5.72020	1.09970
5.998	-.018	.17840	.03650	.02870	.01740	.00000	7.92360	-2.29960	6.49960	.19640	1.09640
6.006	90.019	.11800	.02080	.01870	.05890	.00000	8.13550	-2.29960	-.05550	5.73980	1.10060
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M092) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1951/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-6.002	-89.972	.14110	.02220	.02290	.05200	.00000	8.09820	-2.29960	.49320	6.38760	1.09990
-6.005	-.017	-.09950	-.01110	-.01680	.06700	.00000	8.19150	-2.29960	-9.87700	.19100	1.10320
-6.002	90.033	.03050	.01500	.00420	.00050	.00000	7.82240	-2.29960	.04610	-6.38380	1.09800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1952/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-.004	-90.013	.09100	.02380	.01480	.04500	.00000	8.06110	-2.29960	.42650	.33030	1.10250
.014	90.033	.06330	.02070	.00990	.04180	.00000	8.04200	-2.29960	-.21530	-.30860	1.09770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1953/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
5.996	-89.985	.04420	.01890	.00660	.00570	.00000	7.85030	-2.29960	.57870	-5.71720	1.09530
6.008	.011	.17560	.03610	.02860	.01480	.00000	7.91020	-2.29960	6.54530	.20200	1.10170
6.036	89.979	.11630	.02260	.01870	.06050	.00000	8.14230	-2.29960	.00150	5.76790	1.09980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1954/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-5.998	-89.985	.14270	.02270	.02330	.05020	.00000	8.09070	-2.29960	.59180	6.37470	1.10400
-5.997	.006	-.09870	-.01010	-.01670	.07340	.00000	8.22440	-2.29960	-9.76910	.19560	1.09980
-5.999	90.033	.02900	.01570	.00380	.00100	.00000	7.82520	-2.29960	-.01490	-6.37640	1.10140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1955/ 0 RN/L = 3.50 . GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-.004	-90.027	.08260	.02420	.01340	.04650	.00000	8.06920	-2.29960	.38820	.32790	1.10050
-.001	.006	.04880	.01930	.00750	.05320	.00000	8.11490	-2.29960	-1.35240	.19630	1.09680
.011	90.046	.06470	.02100	.01020	.04490	.00000	8.05850	-2.29960	-.17300	-.31070	1.09670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1956/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
6.000	-89.972	.04200	.01800	.00640	.00410	.00000	7.84190	-2.29960	.51040	-5.72280	1.09780
5.993	-.004	.17870	.03520	.02910	.00980	.00000	7.88320	-2.29960	6.52760	.20080	1.09570
5.996	90.019	.12270	.02380	.01970	.05780	.00000	8.12940	-2.29960	.08490	5.72410	1.09930
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1945/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-5.963	-89.972	.12250	.00520	.01850	.00680	.00000	7.85990	-2.29960	.42930	6.37270	1.40430
-6.005	.077	-.06550	-.00910	-.01170	.06860	.00000	8.23220	-2.29960	-10.08190	.23200	1.40290
-5.991	90.033	.05660	.01400	.00910	.02500	.00000	7.96620	-2.29960	-.07510	-6.39610	1.40430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1946/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
.004	-90.040	.10680	.01160	.01670	.02540	.00000	7.96870	-2.29960	.41780	.34620	1.40220
-.006	-.014	.07690	.00750	.01200	.03570	.00000	8.03950	-2.29960	-1.45720	.24880	1.40390
-.188	90.019	.08740	.01160	.01380	.03150	.00000	8.00390	-2.29960	-.22080	-.53940	1.40290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1947/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
6.003	-89.972	.07440	.01610	.01210	.02460	.00000	7.96390	-2.29960	.61670	-5.70680	1.40180
6.002	.072	.18840	.02840	.02900	.00170	.00000	7.84070	-2.29960	6.59620	.25950	1.40130
5.996	90.019	.10810	.00390	.01640	.01750	.00000	7.92270	-2.29960	-.20350	5.71130	1.40050
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M095) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 1.000

RUN NO. 2018/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-5.984	-89.994	.11340	.01610	.02180	.00990	-.01030	9.94310	11.18750	.34940	6.31810	.79920
-6.007	.019	-.02150	-.01680	-.00310	.00300	-.00320	9.92420	11.23290	-8.74840	.20140	.80000
-6.006	90.011	.08390	.00780	.01540	-.01020	-.01040	9.85530	11.18710	-.07810	-6.34280	.79860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2019/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-.001	-90.007	.09680	.01300	.01860	.00330	-.00970	9.91460	11.19100	.29070	.29710	.79970
-.001	.038	.07510	.00760	.01450	.00380	-.00730	9.92800	11.20800	-1.26950	.20550	.79980
-.187	90.159	.08650	.01080	.01630	.00140	-.00850	9.90620	11.19850	-.19620	-.48680	.79970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2020/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
6.012	-89.980	.09210	.01030	.01750	-.01180	-.01100	9.84810	11.18320	.49120	-5.74960	.79940
5.977	.014	.18860	.03410	.03370	.00330	-.02330	9.92570	11.11050	6.21420	.20770	.79960
6.008	90.025	.10480	.01420	.02010	.00970	-.00920	9.94280	11.19390	-.12050	5.74710	.79970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M098) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2021/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-5.997	-89.966	.11710	.01720	.02290	.00990	-.01130	9.94350	11.18170	.42130	6.32800	.80000
-5.999	.008	-.02020	-.01660	-.00240	.00490	-.00260	9.93260	11.23660	-8.65960	.21040	.79660
-6.007	90.025	.07690	.00650	.01470	-.01090	-.00980	9.85230	11.19030	-.16060	-6.34410	.80000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2022/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-.004	-89.994	.09200	.01250	.01820	.00320	-.00970	9.91410	11.19130	.30780	.30010	.79970
.006	.020	.07260	.00750	.01440	.00340	-.00740	9.92610	11.20690	-1.23560	.20370	.79950
-.004	90.173	.08350	.01060	.01620	.00240	-.00870	9.91040	11.19690	-.20570	-.30390	.79960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2023/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
6.014	-89.994	.08280	.00840	.01630	-.01200	-.01040	9.84750	11.18650	.36590	-5.75270	.80000
5.976	-.012	.18480	.03300	.03360	.00230	-.02260	9.92100	11.11490	6.19530	.20650	.79980
5.998	90.038	.11510	.01720	.02210	.00990	-.01060	9.94370	11.18560	.02200	5.73470	.80030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2024/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-5.989	-89.966	.13020	.01730	.02420	-.00290	-.02500	9.88580	11.08030	.48630	6.34700	.95000
-6.014	-.197	-.04200	-.01560	-.00710	-.01610	.00000	9.83220	11.25180	-9.10970	.22100	.94980
-6.000	90.025	.06490	.00570	.01250	-.02910	-.02140	9.75620	11.10410	-.08850	-6.36320	.94980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2025/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-.002	-89.994	.08820	.01140	.01760	-.02140	-.02270	9.79500	11.09610	.34330	.31760	.95000
-.002	.001	.06450	.00710	.01300	-.01950	-.01330	9.81540	11.16160	-1.27370	.19800	.94990
-.009	90.213	.07700	.00990	.01520	-.02010	-.01810	9.80090	11.12680	-.15510	-.32500	.95010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2026/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
5.996	-90.007	.07140	.00690	.01430	-.03140	-.02360	9.74490	11.08880	.44720	-5.72480	.94960
5.987	-.011	.19130	.02860	.03360	-.02040	-.05340	9.81050	10.88870	6.43660	.19850	.94970
6.006	90.025	.12440	.01690	.02330	-.00400	-.02390	9.88030	11.08720	.10800	5.73400	.94980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M098) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 1.000

RUN NO. 1869/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-5.994	-100.027	.17160	.00800	.02670	-.04030	-.05170	11.64170	4.58140	2.23230	6.22970	1.40280
-5.973	-89.985	.14170	.00210	.02230	-.03190	-.04710	11.69330	4.61970	.55390	6.38000	1.40010
-6.005	-60.074	.04640	-.01040	.00700	-.00250	-.03450	11.87070	4.72240	-4.52240	5.73900	1.39880
-6.003	-30.094	-.02020	-.01440	-.00370	.01980	-.00480	12.00500	4.96270	-8.40970	3.47970	1.39620
-6.003	-.006	-.04870	-.01260	-.00850	.02600	.01530	12.04370	5.12630	-10.00760	.23740	1.39950
-6.005	30.045	-.04100	-.00720	-.00710	.02430	-.08200	12.03150	4.33910	-8.73830	-3.07040	1.40270
-6.006	59.943	.00240	.00120	.00030	.01470	.00980	11.97130	5.07980	-5.07190	-5.50570	1.40140
-5.992	90.033	.07050	.01090	.01190	-.00620	-.00800	11.84320	4.93560	-.02970	-6.39450	1.40200
-6.071	100.095	.03720	.01550	.01590	-.00570	-.01490	11.84440	4.87890	1.73350	-6.37510	1.40080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (S8M099) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 2.000

RUN NO. 1874/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-5.978	-99.959	.17280	.00820	.02700	-.03950	-.05200	11.64810	4.58230	2.21480	6.21370	1.39770
-6.002	-90.027	.14520	.00260	.02270	-.03300	-.04830	11.68770	4.61160	.56510	6.40790	1.39660
-5.998	-60.179	.04900	-.01050	.00740	-.00290	-.03550	11.86820	4.71420	-4.49810	5.73790	1.40060
-6.010	-30.084	-.01800	-.01400	-.00350	.01960	-.00640	12.00450	4.95020	-8.41310	3.48000	1.40180
-6.008	-.029	-.04570	-.01220	-.00810	.02650	.01410	12.04620	5.11580	-9.99220	.24170	1.40230
-6.000	30.009	-.04000	-.00720	-.00700	.02550	-.08970	12.03870	4.27640	-8.74520	-3.05820	1.40070
-6.005	59.923	.00230	.00100	.00030	.01490	.00890	11.97260	5.07250	-5.07500	-5.50090	1.39840
-5.991	90.100	.06830	.01070	.01140	-.00460	-.00750	11.85260	4.93970	-.03130	-6.39460	1.40170
-5.994	99.929	.09530	.01520	.01560	-.00560	-.01540	11.84480	4.87500	1.67670	-6.30400	1.40360
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1870/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-.002	-99.795	.12830	.00970	.02050	-.01200	-.06920	11.80780	4.43950	.80540	.30670	1.40260
.006	-89.792	.12410	.00870	.01980	-.01110	-.07020	11.81480	4.43030	.54120	.34610	1.40460
-.001	-59.810	.11420	.00700	.01830	-.00660	-.06500	11.84710	4.47410	-.26340	.42880	1.40330
-.001	-30.014	.10510	.00590	.01670	-.00380	-.03940	11.86730	4.68330	-.95410	.39100	1.40180
-.003	-.026	.09670	.00500	.01520	-.00120	-.02790	11.88430	4.77650	-1.35080	.25040	1.40080
-.003	30.009	.09270	.00460	.01460	-.00040	-.03430	11.88760	4.72470	-1.33920	.04260	1.40100
-.000	60.043	.09430	.00560	.01500	-.00070	-.03160	11.88170	4.74580	-.93460	-.17480	1.40030
-.002	90.006	.10230	.00760	.01650	-.00280	-.02280	11.86330	4.81580	-.22120	-.34770	1.40170
.003	99.967	.10690	.00850	.01730	-.00380	-.01680	11.85600	4.86380	.06550	-.38020	1.40210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1875/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
6.006	-100.000	.07020	.01030	.01180	-.00460	-.00960	11.85120	4.92250	-.52340	-5.69010	1.39970
5.999	-90.123	.08910	.01320	.01490	-.00590	-.01420	11.84580	4.88540	.66350	-5.70140	1.40030
6.010	-60.179	.13460	.01990	.02200	-.01340	-.03320	11.80680	4.73200	3.84760	-4.76400	1.40190
6.008	-30.112	.17500	.02480	.02810	-.01950	-.04790	11.77560	4.61460	6.02840	-2.58020	1.40100
5.996	-.186	.20200	.02570	.03160	-.02770	-.08700	11.72890	4.29990	6.66100	.23930	1.40040
5.989	30.038	.20700	.02180	.03200	-.03720	-.05710	11.67180	4.53980	5.68290	3.01490	1.40150
5.999	60.029	.18480	.01360	.02850	-.03760	-.05310	11.66540	4.57110	3.27730	5.01700	1.40130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (S8M100) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 3.000

RUN NO. 1873/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-5.977	-99.945	.17280	.00860	.02710	-.03950	-.05200	11.64740	4.58020	2.26090	6.21150	1.39870
-6.002	-90.027	.14370	.00250	.02270	-.03360	-.04890	11.68380	4.60580	.61140	6.40590	1.39890
-5.998	-60.186	.05420	-.00980	.00830	-.00450	-.03610	11.85930	4.71010	-4.40070	5.73710	1.39860
-6.014	-30.087	-.01360	-.01380	-.00270	.01910	-.00850	12.00060	4.93300	-8.32160	3.48700	1.39730
-6.004	-.057	-.04490	-.01260	-.00790	.02560	.01180	12.04060	5.09760	-9.93130	.24940	1.40120
-6.003	29.994	-.03970	-.00750	-.00690	.02430	-.09340	12.03230	4.24430	-8.73940	-3.05670	1.40490
-5.998	59.972	.00300	.00090	.00040	.01570	-.00920	11.97740	4.92700	-5.08030	-5.49500	1.40360
-5.999	90.087	.06560	.01010	.01110	-.00620	-.00660	11.84340	4.94710	-.11110	-6.40350	1.39980
-5.999	99.942	.09080	.01450	.01490	-.00500	-.01390	11.84850	4.88810	1.56650	-6.31030	1.39620
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1872/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
-.000	-99.809	.12550	.00970	.02040	-.01080	-.08140	11.81500	4.34240	.78100	.30290	1.39900
-.004	-89.779	.12110	.00870	.01960	-.00990	-.08170	11.82180	4.33950	.51960	.35540	1.40270
.001	-59.845	.10950	.00680	.01770	-.00600	-.07440	11.85060	4.40000	-.27310	.42460	1.40050
.001	-30.007	.10010	.00560	.01620	-.00340	-.07600	11.87000	4.38750	-.94370	.38710	1.40070
-.000	.018	.09470	.00480	.01530	-.00250	-.06740	11.87660	4.45680	-1.32030	.24880	1.40350
-.001	30.038	.09330	.00510	.01500	-.00030	-.04830	11.88760	4.61090	-1.29310	.04160	1.40290
-.000	60.058	.09510	.00610	.01540	-.00140	-.05730	11.87750	4.53710	-.87230	-.17620	1.40100
-.000	90.006	.10340	.00800	.01690	-.00370	-.03630	11.85830	4.70700	-.17070	-.34460	1.39970
.003	99.916	.10810	.00880	.01770	-.00490	-.03180	11.84950	4.74340	.10810	-.37760	1.39980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1871/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNW	CTW	CBW	CHEI	CHEO	IB-ELV	OB-ELV	ALPHAO	BETAO	MACH
6.003	-100.000	.06640	.00950	.01130	-.00530	-.01030	11.84730	4.81680	-.61360	-5.68970	1.40220
5.997	-90.013	.08620	.01260	.01450	-.00730	-.01400	11.83770	4.88680	.61780	-5.70070	1.39950
6.006	-60.179	.13240	.01970	.02170	-.01220	-.03150	11.81380	4.74560	3.81020	-4.75990	1.40400
6.007	-30.139	.16990	.02440	.02740	-.01780	-.04670	11.78500	4.62240	6.00870	-2.57470	1.40380
6.006	-.089	.19810	.02490	.03120	-.02860	-.08210	11.72310	4.33740	6.67180	.25470	1.40470
5.998	30.016	.20660	.02180	.03210	-.03770	-.05690	11.66980	4.54340	5.71090	3.01760	1.40220
6.001	59.957	.18730	.01410	.02900	-.03830	-.05410	11.66160	4.56430	3.33370	5.01320	1.40080
5.996	89.938	.13660	.00240	.02130	-.02740	-.04790	11.71930	4.61210	.02040	5.70940	1.40020
5.998	99.891	.11060	-.00180	.01740	-.02050	-.04600	11.75760	4.62560	-1.19950	5.60440	1.40410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M001) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1770/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.335	-6.107	.04800	.07660	.35250	-.04630	.06810	-.13880	.27530	-8.35850	-5.89090	-8.35850
-8.407	-3.968	.06640	.09240	.21670	-.05180	.07520	-.08180	.17130	-8.36870	-3.82090	-8.36870
-8.312	.383	.07720	.09570	-.00790	-.05420	.08480	.00240	-.01050	-8.21900	.38220	-8.21900
-8.048	4.365	.06250	.07250	-.23520	-.04550	.07150	.08950	-.19120	-7.99620	4.23450	-7.99620
-7.669	6.335	.04640	.05360	-.35110	-.04500	.06500	.13990	-.27870	-7.66230	6.15170	-7.66230
	GRADIENT	-.00042	-.00234	-.05419	.00072	-.00040	.02054	-.04348	.04455	.96673	.04455

RUN NO. 1771/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.251	-6.190	.04210	.06600	.33970	-.03210	.06480	-.13310	.26370	-4.34270	-6.02970	-4.34270
-4.506	-4.154	.05980	.08200	.22310	-.04040	.07070	-.08430	.17530	-4.52950	-4.03710	-4.52950
-4.126	.235	.07450	.09150	.00530	-.04540	.08170	-.00300	.00090	-4.08760	.23600	-4.08760
-4.009	4.338	.05940	.06660	-.22380	-.04000	.06690	.08460	-.18180	-4.01480	4.23480	-4.01480
-3.618	6.313	.04410	.04890	-.33720	-.03910	.06000	.13410	-.26790	-3.67860	6.16940	-3.67860
	GRADIENT	-.00001	-.00177	-.05259	.00003	-.00041	.01987	-.04202	.06107	.97406	.06107

RUN NO. 1772/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.196	-6.340	.06230	.08320	.32010	-.02560	.05740	-.12390	.24770	-.37520	-6.25010	-.37520
-.280	-4.441	.06570	.08470	.22250	-.03190	.06400	-.08190	.17420	-.38900	-4.36890	-.38900
-.281	-.171	.07500	.09130	.01710	-.03940	.07670	-.00720	.01220	-.33130	-.14180	-.33130
-.250	3.566	.07970	.08720	-.16630	-.03390	.06670	.05930	-.13390	-.33330	3.55690	-.33330
-.185	5.665	.08400	.08870	-.28060	-.03360	.05540	.10890	-.22370	-.32190	5.63470	-.32190
	GRADIENT	.00176	.00034	-.04854	-.00029	.00040	.01763	-.03846	.00711	.98979	.00711

RUN NO. 1773/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.215	-5.620	.04980	.06720	.25630	-.02430	.05430	-.09630	.20090	3.98960	-5.67890	3.98960
3.927	-3.617	.05740	.07280	.16340	-.03000	.06240	-.05700	.12540	3.77980	-3.66240	3.77980
3.984	.250	.06610	.07740	.00490	-.03250	.07140	.00050	-.00110	3.90580	.24100	3.90580
3.690	3.971	.05870	.06250	-.16630	-.02830	.06100	.06100	-.13660	3.56090	3.99610	3.56090
4.001	5.946	.04850	.04980	-.26330	-.02830	.05310	.10300	-.21280	3.80630	5.98530	3.80630
	GRADIENT	.00018	-.00134	-.04344	.00022	-.00017	.01555	-.03452	-.02845	1.00933	-.02845

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M002) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1774/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.459	-6.025	.04510	.07270	.34990	-.04660	.06390	-.13570	.26710	-8.46640	-5.84830	-8.46640
-8.492	-3.927	.06160	.08760	.22340	-.04880	.07040	-.08520	.17490	-8.45050	-3.80720	-8.45050
-8.386	.458	.07310	.09170	-.01110	-.05050	.08100	.00100	-.01080	-8.29930	.45830	-8.29930
-7.998	4.430	.05980	.07040	-.23140	-.04270	.07130	.09800	-.18610	-7.94400	4.32380	-7.94400
-7.688	6.456	.04650	.05390	-.34100	-.04380	.06500	.13650	-.26870	-7.67400	6.29820	-7.67400
	GRADIENT	-.00017	-.00201	-.05441	.00071	.00015	.02071	-.04319	.06016	.97302	.06016

RUN NO. 1775/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.368	-6.207	.03970	.06350	.34240	-.02920	.06310	-.13420	.26130	-4.42490	-6.07940	-4.42490
-4.618	-4.129	.05440	.07600	.22960	-.03700	-.06700	- -.08850	- .17980	-4.61800	-4.03800	-4.61800
-4.224	.312	.07020	.08610	-.00180	-.04220	.07830	-.00240	-.00320	-4.17610	.31150	-4.17610
-3.957	4.440	.05560	.06330	-.22760	-.04020	.06440	.08790	-.18370	-3.94590	4.35670	-3.94590
-3.571	6.374	.04210	.04740	-.33700	-.04000	.05840	.13490	-.26460	-3.60330	6.25820	-3.60330
	GRADIENT	.00018	-.00143	-.05334	-.00038	-.00027	.02057	-.04240	.07870	.97962	.07870

RUN NO. 1776/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.292	-6.383	.06390	.08410	.33190	-.02330	.05410	-.12970	.25220	-.42590	-6.30290	-.42590
-.386	-4.487	.06690	.08480	.23240	-.02890	.05990	-.09810	.18140	-.46510	-4.42120	-.46510
-.409	-.242	.07700	.09280	.02180	-.03840	.07210	-.00930	.01600	-.44190	-.21170	-.44190
-.387	3.497	.08140	.08950	-.16660	-.03210	.06250	.06150	-.13340	-.44450	3.49470	-.44450
-.341	5.591	.08610	.09010	-.28040	-.03210	.05340	.11240	-.22150	-.43980	5.56940	-.43980
	GRADIENT	.00183	.00062	-.04997	-.00044	.00038	.01873	-.03942	.00264	.99151	.00264

RUN NO. 1777/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.229	-5.523	.04520	.06010	.27180	-.02170	.05280	-.10520	.20910	4.04390	-5.58080	4.04390
3.904	-3.517	.05180	.06490	.17320	-.03050	.05910	-.06480	.13360	3.79050	-3.55980	3.79050
3.901	.324	.06150	.07330	.00580	-.03280	.06760	-.00090	.00030	3.84790	.31320	3.84790
3.590	3.997	.05330	.05690	-.16900	-.03010	.05620	.06440	-.13740	3.49190	4.01960	3.49190
3.836	5.938	.04450	.04530	-.27100	-.02630	.05200	.10720	-.21380	3.66800	5.97040	3.68800
	GRADIENT	.00022	-.00104	-.04553	.00005	-.00037	.01719	-.03605	.03932	1.00867	-.03932

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M003) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1968/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-7.961	-6.067	.05670	.08510	.34750	-.04040	.06600	-.12510	.26860	-7.99130	-5.85420	-7.99130
-8.146	-3.987	.07380	.09720	.21790	-.04600	.07680	-.07160	.16710	-8.10870	-3.85040	-8.10870
-8.042	.183	.08280	.10480	.00330	-.05350	.08670	.00550	-.00450	-7.95540	.18250	-7.95540
-7.950	4.275	.07030	.08000	-.21980	-.04800	.07540	.08390	-.18060	-7.90470	4.14230	-7.90470
-7.725	6.307	.05490	.06240	-.35040	-.04260	.06630	.13920	-.28300	-7.73910	6.10120	-7.73910
	GRADIENT	-.00042	-.00207	-.05297	-.00025	-.00016	.01882	-.04208	.02473	.96739	.02473

RUN NO. 1969/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.155	-6.189	.05360	.07850	.33480	-.02980	.06310	-.12030	.25980	-4.28010	-6.01700	-4.28010
-4.169	-4.092	.06890	.08870	.21570	-.03560	.07210	-.07240	.16750	-4.21720	-3.97350	-4.21720
-4.068	.185	.07940	.09730	.00870	-.04470	.08230	.00180	.00170	-4.04160	.18390	-4.04160
-3.979	4.292	.06730	.07460	-.20760	-.04200	.06980	.07830	-.17190	-4.02390	4.16930	-4.02390
-3.575	6.260	.05370	.05930	-.32360	-.03740	.06010	.12690	-.26290	-3.69660	6.09360	-3.69660
	GRADIENT	-.00017	-.00166	-.05047	-.00077	-.00026	.01797	-.04047	.02318	.97122	.02318

RUN NO. 1970/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.001	-6.345	.04880	.06980	.32660	-.02380	.05650	-.11570	.25310	-.22140	-6.26230	-.22140
-.093	-4.413	.06270	.07900	.21960	-.02820	.06440	-.07140	.16990	-.23770	-4.34720	-.23770
-.144	-.097	.07540	.08950	.01690	-.03760	.07750	-.00150	.01020	-.21180	-.06970	-.21180
-.049	3.601	.06800	.07510	-.15550	-.03550	.06790	.05560	-.12830	-.17190	3.59430	-.17190
.050	5.694	.05730	.06120	-.27620	-.03180	.05670	.10380	-.22300	-.14760	5.66920	-.14760
	GRADIENT	.00072	-.00041	-.04681	-.00095	.00051	.01586	-.03720	.00815	.99094	.00815

RUN NO. 1971/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.229	-5.657	.05240	.06660	.26160	-.02100	.05130	-.08850	.20510	3.97160	-5.73190	3.97160
3.914	-3.669	.06360	.07680	.16220	-.02800	.05980	-.04780	.12460	3.74620	-3.72410	3.74620
4.077	.195	.06990	.08170	.01060	-.03220	.06930	.00270	.00180	3.98370	.18800	3.98370
3.797	3.977	.06170	.06630	-.15390	-.03100	.05850	.05600	-.13110	3.63690	4.01810	3.63690
4.081	5.941	.05210	.05290	-.25070	-.02690	.04820	.09590	-.20880	3.84380	6.00220	3.84380
	GRADIENT	-.00024	-.00136	-.04133	-.00039	-.00016	.01357	-.03343	.01402	1.01253	-.01402

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M004) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1972/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.311	-6.089	.05360	.08470	.35990	-.04850	.06380	-.13370	.27870	-8.33900	-5.86560	-8.33900
-8.340	-3.947	.07140	.09830	.21870	-.04780	.07430	-.07500	.17010	-8.30300	-3.79970	-8.30300
-8.272	.369	.08010	.10260	-.00820	-.05270	.08420	.00830	-.01330	-8.18590	.36540	-8.18590
-8.000	4.309	.06660	.07740	-.23010	-.04890	.07200	.09030	-.19060	-7.96140	4.17050	-7.96140
-7.687	6.296	.05140	.05820	-.35610	-.04780	.06330	.14370	-.28720	-7.70300	6.09250	-7.70300
	GRADIENT	-.00054	-.00248	-.05434	-.00015	-.00024	.02001	-.04367	.04115	.96544	.04115

RUN NO. 1973/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.209	-6.192	.05040	.07680	.33680	-.03580	.06090	-.12520	.26230	-4.32950	-6.01910	-4.32950
-4.411	-4.134	.06650	.08960	.22000	-.03960	.07060	-.07730	.17200	-4.45220	-4.00970	-4.45220
-4.072	.193	.07720	.09610	.00650	-.04530	.08040	.00210	-.00070	-4.04500	.19620	-4.04500
-3.985	4.306	.06440	.07310	-.21140	-.04570	.06720	.08290	-.17590	-4.02240	4.19050	-4.02240
-3.579	6.251	.05100	.05580	-.32810	-.04380	.05840	.13250	-.26620	-3.68500	6.09080	-3.68500
	GRADIENT	-.00023	-.00192	-.05110	-.00073	-.00038	.01898	-.04121	.05130	.97157	.05130

RUN NO. 1974/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.005	-6.354	.04670	.06940	.32480	-.02770	.05570	-.11810	.25150	-.20490	-6.27000	-.20490
-.093	-4.422	.06090	.07880	.21670	-.03020	.06410	-.07490	.16950	-.22940	-4.35560	-.22940
-.083	-.160	.07380	.08920	.01880	-.03880	.07620	-.00200	.01050	-.15170	-.13320	-.15170
-.023	3.578	.06640	.07400	-.15780	-.03720	.06750	.05990	-.13160	-.13970	3.57060	-.13970
.045	5.687	.05590	.06080	-.27580	-.03660	.05590	.10830	-.22360	-.13760	5.66010	-.13760
	GRADIENT	.00074	-.00053	-.04680	-.00090	.00048	.01685	-.03763	.01137	.99070	.01137

RUN NO. 1975/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.226	-5.658	.05210	.06790	.26680	-.02480	.05170	-.09320	.20830	3.97950	-5.72400	3.97950
3.910	-3.655	.06230	.07800	.16460	-.03020	.06000	-.05150	.12710	3.74680	-3.70450	3.74680
4.076	.203	.06860	.08080	.00730	-.03340	.06880	.00330	-.00130	3.98380	.19590	3.98380
3.768	3.979	.06050	.06530	-.16060	-.03400	.05760	.06180	-.13690	3.61600	4.01660	3.61600
4.072	5.946	.05080	.05170	-.25940	-.03230	.04830	.10340	-.21520	3.84900	6.00050	3.84900
	GRADIENT	-.00023	-.00166	-.04259	-.00050	-.00031	.01484	-.03458	-.01685	1.01142	-.01685

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M005) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1976/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.264	-6.050	.04850	.07830	.35290	-.04880	.06170	-.13390	.27230	-8.28300	-5.84190	-8.28300
-8.413	-3.928	.06690	.09450	.21750	-.05200	.06930	-.07690	.16850	-8.36990	-3.78890	-8.36990
-8.273	.410	.07600	.09420	-.01150	-.05330	.08020	.00820	-.01510	-8.18060	.40170	-8.18060
-7.951	4.328	.06180	.07350	-.23110	-.05080	.06650	.09130	-.18960	-7.90130	4.19800	-7.90130
-7.714	6.335	.04670	.05290	-.35500	-.04980	.06050	.14460	-.28310	-7.70950	6.14680	-7.70950
	GRADIENT	-.00057	-.00250	-.05431	.00014	-.00029	.02036	-.04336	.05652	.96737	.05652

RUN NO. 1977/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.284	-6.182	.04370	.06970	.34460	-.03570	.05990	-.13180	.26660	-4.37100	-6.02420	-4.37100
-4.467	-4.119	.06100	.08410	.22230	-.04080	.06660	-.08080	.17370	-4.48700	-4.00680	-4.48700
-4.104	.232	.07320	.09100	.00440	-.04460	.07710	.00160	-.00200	-4.06580	.23050	-4.06580
-4.008	4.339	.05830	.06680	-.22190	-.04640	.06140	.08790	-.18220	-4.01700	4.23440	-4.01700
-3.575	6.282	.04400	.04860	-.33540	-.04440	.05540	.13590	-.26780	-3.64020	6.13780	-3.64020
	GRADIENT	-.00029	-.00201	-.05249	-.00066	-.00058	.01994	-.04206	.05598	.97437	.05598

RUN NO. 1978/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.152	-6.382	.04080	.06320	.32630	-.02790	.05550	-.12320	.25110	-.33140	-6.29140	-.33140
-.271	-4.437	.05570	.07510	.22120	-.03100	.06110	-.07880	.17280	-.37870	-4.36400	-.37870
-.250	-.186	.06990	.08620	.01670	-.03840	.07290	-.00310	.00980	-.30160	-.15670	-.30160
-.195	3.568	.06180	.07030	-.16860	-.03830	.06330	.06380	-.13690	-.28300	3.55960	-.28300
-.145	5.675	.05070	.05510	-.28050	-.03850	.05430	.11130	-.22400	-.28670	5.64450	-.28670
	GRADIENT	.00082	-.00053	-.04868	-.00093	.00033	.01781	-.03868	.01209	.98983	.01209

RUN NO. 1979/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.247	-5.640	.04980	.06890	.25950	-.02630	.05100	-.09440	.20230	4.01990	-5.69750	4.01990
3.908	-3.625	.05720	.07360	.16260	-.03010	.05770	-.05440	.12510	3.76080	-3.60890	3.76080
4.065	.239	.06490	.07650	.00390	-.03410	.06680	.00370	-.00300	3.98410	.23220	3.98410
3.723	4.002	.05740	.06220	-.16550	-.03120	.05690	.06400	-.13780	3.58960	4.02880	3.58960
4.020	5.965	.04750	.04850	-.26320	-.03170	.04940	.10680	-.21450	3.81980	6.00710	3.81980
	GRADIENT	.00004	-.00148	-.04301	-.00015	-.00009	.01552	-.03447	-.02209	1.00934	-.02209

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M006) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1980/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.422	-5.989	.04600	.07560	.34880	-.04770	.06080	-.13290	.26630	-8.42740	-5.81750	-8.42740
-8.510	-3.882	.06230	.08960	.22220	-.04990	.06590	-.08070	.17190	-8.46600	-3.76660	-8.46600
-8.339	.483	.07240	.09070	-.01540	-.04790	.07770	.00630	-.01550	-8.25250	.47960	-8.25250
-7.996	4.424	.05910	.07120	-.23140	-.04900	.06480	.09080	-.18610	-7.94410	4.31500	-7.94410
-7.654	6.404	.04630	.05420	-.33960	-.04870	.06000	.13830	-.26880	-7.64110	6.24760	-7.64110
	GRADIENT	-.00034	-.00217	-.05461	.00011	-.00008	.02063	-.04310	.06258	.97296	.06258

RUN NO. 1981/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.377	-6.173	.04050	.06600	.34470	-.03270	.05930	-.13270	.26280	-4.43050	-6.04640	-4.43050
-4.584	-4.124	.05510	.07780	.23050	-.03850	.06280	-.08620	.18010	-4.58340	-4.03490	-4.58340
-4.170	.307	.06940	.08490	-.00430	-.04060	.07420	.00030	-.00430	-4.12290	.30560	-4.12290
-3.971	4.417	.05480	.06350	-.22800	-.04620	.05860	.08990	-.18350	-3.96220	4.33340	-3.96220
-3.577	6.361	.04160	.04670	-.33680	-.04430	.05390	.13680	-.26510	-3.61100	6.24470	-3.61100
	GRADIENT	.00001	-.00163	-.05367	-.00090	-.00045	.02060	-.04256	.07314	.97974	.07314

RUN NO. 1982/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.315	-6.481	.03580	.05670	.34280	-.02600	.05480	-.13250	.26030	-.45110	-6.39930	-.45110
-.385	-4.482	.05030	.06990	.23260	-.03070	.05730	-.08550	.18120	-.46190	-4.41610	-.46190
-.406	-.274	.06560	.07850	.02060	-.03730	.06870	-.00610	.01430	-.43940	-.24380	-.43940
-.368	3.558	.05690	.06530	-.17470	-.03830	.05780	.06870	-.14160	-.43010	3.55500	-.43010
-.317	5.623	.04610	.04990	-.28610	-.03690	.05250	.11760	-.22710	-.42120	5.60240	-.42120
	GRADIENT	.00087	-.00053	-.05066	-.00096	.00011	.01918	-.04014	.00398	.99149	.00398

RUN NO. 1983/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.257	-5.552	.04500	.06090	.27380	-.02050	.05130	-.10270	.20840	4.06880	-5.60990	4.06880
4.126	-3.566	.05130	.06420	.17060	-.03080	.05360	-.05970	.12910	4.00810	-3.61050	4.00810
3.894	.324	.06030	.07160	.00780	-.03380	.06320	.00220	-.00100	3.83970	.31420	3.83970
3.691	4.025	.05100	.05620	-.16840	-.03180	.05180	.06860	-.14000	3.58900	4.05000	3.58900
3.723	5.889	.04400	.04490	-.26830	-.02820	.04830	.11010	-.21420	3.57210	5.92110	3.57210
	GRADIENT	-.00002	-.00103	-.04463	-.00014	-.00021	.01689	-.03543	-.05511	1.00910	-.05511

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M007) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1880/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.153	-7.944	-.01490	.00550	.44580	-.00170	-.01510	-.10040	.30320	-8.14140	-7.82890	-8.14140
-8.100	-3.858	.00440	.02280	.22690	-.01160	-.00860	-.04730	.15440	-8.04900	-3.79720	-8.04900
-8.194	.353	.01480	.03090	.01420	-.01990	-.00190	.01130	-.00960	-8.12180	.34730	-8.12180
-7.674	4.226	.00660	.01530	-.17850	-.01310	-.00800	.06030	-.15450	-7.61640	4.16610	-7.61640
-7.823	8.173	-.01550	-.01070	-.41750	-.00190	-.01860	.11400	-.31170	-7.78950	8.06370	-7.78950
	GRADIENT	.00030	-.00089	-.05015	-.00021	.00010	.01332	-.03822	.05248	.98503	.05248

RUN NO. 1881/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.258	-8.044	-.01530	.00150	.43640	.00520	-.01470	-.09400	.29120	-4.30480	-7.94270	-4.30480
-4.145	-3.937	.00450	.01900	.21930	-.00760	-.00970	-.04390	.15000	-4.13860	-3.87790	-4.13860
-3.991	.191	.01350	.02660	.00840	-.01600	-.00290	.01280	-.01470	-3.95450	.18810	-3.95450
-3.900	4.155	.00570	.01190	-.17720	-.00970	-.00950	.05740	-.15090	-3.88790	4.09700	-3.88790
-3.797	8.200	-.01660	-.01350	-.40880	.00260	-.01930	.10720	-.30020	-3.82720	8.10260	-3.82720
	GRADIENT	.00016	-.00086	-.04902	-.00027	.00004	.01253	-.03721	.03108	.98557	.03108

RUN NO. 1882/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.165	-8.141	.00000	-.00200	.43450	.00940	-.01840	-.09100	.28450	-.28100	-8.07200	-.28100
-.241	-4.276	.00000	-.00130	.23900	-.00240	-.01300	-.04630	.16290	-.29690	-4.22470	-.29690
-.307	-.039	.00000	-.00020	.03210	-.01250	-.00190	.00450	.00710	-.33850	-.01210	-.33850
-.300	3.802	.00000	-.00040	-.15210	-.00790	-.00800	.04850	-.12940	-.35470	3.80950	-.35470
-.216	7.818	.00000	-.00190	-.36610	.00580	-.01960	.09560	-.26810	-.32290	7.80680	-.32290
	GRADIENT	.00000	.00011	-.04843	-.00071	.00065	.01174	-.03620	-.00720	.99464	-.00720

RUN NO. 1883/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.245	-7.803	-.00900	.00140	.38170	.01170	-.01720	-.08030	.25370	4.07470	-7.84940	4.07470
4.168	-3.826	.00630	.01280	.18070	-.00260	-.00990	-.03030	.11930	4.08890	-3.85480	4.08890
4.133	.189	.01050	.02080	.00070	-.00880	-.00320	.01080	-.01450	4.09260	.18990	4.09260
4.131	4.093	.00770	.00730	-.15080	-.00550	-.01110	.04550	-.12930	4.05670	4.12160	4.05670
3.880	7.976	-.01060	-.01080	-.35120	.00800	-.01990	.08770	-.25230	3.73270	8.01500	3.73270
	GRADIENT	.00018	-.00068	-.04188	-.00037	-.00014	.00958	-.03140	-.00404	1.00726	-.00404

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M007) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1884/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
8.298	-7.841	-.00930	-.00030	.37030	.01640	-.01550	-.07760	.24490	8.08330	-7.95890	8.08330
8.153	-3.780	.00370	.00910	.18100	-.00210	-.01130	-.02990	.11570	8.04240	-3.83790	8.04240
7.784	.148	.00790	.02060	.01360	-.00780	-.00400	.00830	-.00650	7.70910	.15010	7.70910
8.124	4.136	.00430	.00520	-.14150	-.00250	-.01120	.04170	-.11970	8.01440	4.18880	8.01440
8.198	8.104	-.00860	-.01090	-.33020	.00710	-.01970	.08450	-.23910	8.00170	8.20910	8.00170
	GRADIENT	.00007	-.00050	-.04073	-.00005	.00001	.00904	-.02973	-.00333	1.01393	-.00333

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M008) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1886/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAC	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.279	-5.998	.00590	.02510	.33740	-.00200	-.00250	-.07130	.23390	-8.25200	-5.88440	-8.25200
-8.366	-3.869	.01860	.03670	.22150	-.00670	.00530	-.04040	.14950	-8.31170	-3.79130	-8.31170
-8.076	.195	.03070	.04470	.02820	-.01710	.01720	-.00250	.00910	-7.99600	.19910	-7.99600
-8.013	4.248	.01930	.02680	-.18080	-.00990	.00450	.05140	-.14890	-7.94560	4.17850	-7.94560
-7.743	6.229	.00760	.01290	-.30740	.00000	-.00180	.08150	-.23440	-7.69350	6.12560	-7.69350
	GRADIENT	.00009	-.00122	-.04956	-.00040	-.00010	.01131	-.03676	.04511	.98177	.04511

RUN NO. 1887/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.255	-6.106	.00230	.01880	.33760	.00460	-.00680	-.06810	.22930	-4.29420	-6.00640	-4.29420
-4.447	-4.069	.01490	.02920	.21790	-.00230	.00010	-.03950	.14820	-4.45010	-3.99610	-4.45010
-4.118	.197	.02480	.03710	.01310	-.01230	.01170	.00250	-.00230	-4.08360	.19750	-4.08360
-3.932	4.254	.01500	.01970	-.18690	-.00420	.00000	.05070	-.15000	-3.92700	4.18560	-3.92700
-3.633	6.217	.00390	.00620	-.30940	.00550	-.00600	.07770	-.23040	-3.65860	6.12380	-3.65860
	GRADIENT	.00003	-.00112	-.04863	-.00025	.00001	.01083	-.03582	.06305	.98299	.06305

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (T8M008) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1888/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.119	-6.239	.00000	-.00110	.33580	.00970	-.01070	-.06600	.22540	-.24150	-6.17270	-.24150
-.194	-4.375	.00000	-.00040	.23170	.00370	-.00540	-.04260	.15820	-.27940	-4.31930	-.27940
-.281	- [illegible]	.00000	.00000	.02890	-.00930	.01050	.00020	.01040	-.32870	-.08980	-.32870
-.268	3	.00000	-.00020	-.15100	-.00310	.00100	.03840	-.12030	-.34180	3.62840	-.34180
-.217	5	.00000	-.00020	-.27200	.00680	-.00640	.06610	-.20020	-.32230	5.69820	-.32230
	GRAD'	.00000	.00003	-.04783	-.00090	.00087	.01012	-.03481	-.00789	.99341	-.00789

RUN NO. 1889/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.159	-5.706	.00540	.01320	.27110	.01050	-.00890	-.05070	.18460	3.98810	-5.75190	3.98810
3.873	-3.694	.01130	.01780	.17310	.00250	-.00430	-.02600	.11530	3.75510	-3.72840	3.75510
4.116	.203	.01750	.02730	.00540	-.00600	.00580	.00440	-.00620	4.04760	.20030	4.04760
3.744	4.005	.01340	.01390	-.15130	.00000	-.00490	.03660	-.12110	3.63470	4.03400	3.63470
4.015	5.993	.00650	.00400	-.25710	.00680	-.01110	.05060	-.18910	3.85960	6.03400	3.85960
	GRADIENT	.00328	-.00049	-.04214	-.00033	-.00007	.00813	-.03071	-.01526	1.00821	-.01526

RUN NO. 1890/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.357	-5.725	.00420	.00920	.25850	.01110	-.00900	-.04810	.17780	6.17480	-5.79110	6.17480
6.053	-3.721	.01080	.01650	.16780	.00570	-.00430	-.02530	.11160	5.91920	-3.76720	5.91920
6.002	.205	.01600	.02540	.01070	-.00160	.00620	.00390	-.00290	5.90760	.20080	5.90760
5.611	3.998	.01150	.01260	-.13540	.00350	-.00380	.03230	-.11110	5.48790	4.03140	5.48790
5.980	5.959	.00540	.00310	-.23310	.00810	-.01020	.05470	-.17610	5.81630	6.01280	5.81630
	GRADIENT	.00010	-.00049	-.03929	-.00029	.00008	.00746	-.02886	-.05557	1.01042	-.05557

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M009) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1893/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.254	-3.927	.04050	.05870	.22570	-.01150	.03280	-.04890	.15850	-8.20170	-3.83060	-8.20170
-8.075	.189	.05300	.06900	.01810	-.02200	.04480	.00610	-.00210	-7.98900	.19610	-7.98900
-7.977	4.254	.04450	.05280	-.17520	-.01460	.03490	.04640	-.14330	-7.90390	4.17530	-7.90390
	GRADIENT	.00049	-.00071	-.04901	-.00038	.00026	.01165	-.03689	.03643	.97858	.03643

RUN NO. 1894/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-6.281	-3.976	.03800	.05410	.22050	-.00900	.02890	-.04550	.15370	-6.25870	-3.88340	-6.25870
-6.085	.197	.04860	.06270	.01810	-.01750	.04040	.00110	-.00060	-6.02300	.20160	-6.02300
-5.725	4.360	.03890	.04580	-.18620	-.01010	.02860	.05050	-.15130	-5.68830	4.27880	-5.68830
	GRADIENT	.00011	-.00099	-.04879	-.00013	-.00003	.01152	-.03659	.06843	.97324	.06843

RUN NO. 1895/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.132	-4.083	.03370	.04750	.21410	-.00470	.02370	-.04200	.14970	-4.14850	-3.99830	-4.14850
-4.108	.193	.04440	.05680	.01310	-.01390	.03580	.00080	-.00180	-4.07100	.19490	-4.07100
-3.934	4.272	.03110	.03690	-.18360	-.00800	.02410	.04910	-.14820	-3.93160	4.19370	-3.93160
	GRADIENT	-.00029	-.00124	-.04759	-.00041	.00007	.01090	-.03565	.02590	.98044	.02590

RUN NO. 1896/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-2.329	-4.186	.02410	.03640	.21720	-.00040	.02000	-.04250	.15180	-2.38120	-4.11110	-2.38120
-2.195	.195	.03990	.05020	.00910	-.01010	.03160	-.00040	-.00320	-2.18300	.19220	-2.18300
-1.657	4.284	.02950	.03420	-.18610	-.00420	.01800	.04990	-.15050	-1.70440	4.21250	-1.70440
	GRADIENT	.00067	-.00022	-.04761	-.00047	-.00020	.01089	-.03569	.07950	.98272	.07950

RUN NO. 1897/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.149	-4.346	.01100	.02120	.22190	.00360	.01480	-.04110	.15400	-.25140	-4.28880	-.25140
-.276	-.315	.03560	.04520	.03780	-.00750	.02790	-.00820	.02280	-.32950	-.28710	-.32950
-.262	3.550	.00010	.00490	-.14470	-.00440	.02240	.03770	-.11840	-.34650	3.55050	-.34650
	GRADIENT	-.00133	-.00201	-.04642	-.00103	.00098	.00997	-.03448	-.01210	.99277	-.01210

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M009) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1898/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
2.228	-3.734	.02500	.03200	.17570	.00480	.01380	-.02610	.11680	2.10970	-3.75550	2.10970
1.764	.199	.03120	.03930	.00850	-.00390	.02430	-.00120	-.00120	1.71560	.19520	1.71560
1.707	3.848	.02680	.03050	-.15590	.00120	.01570	.04110	-.12690	1.60280	3.86330	1.60280
	GRADIENT	.00025	-.00017	-.04372	-.00050	.00028	.00883	-.03211	-.06729	1.00484	-.06729

RUN NO. 1899/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
3.923	-3.764	.02280	.02880	.17160	.00660	.01120	-.02260	.11330	3.79010	-3.79910	3.79010
4.043	.199	.02870	.03550	.00930	-.00360	.02210	-.00110	-.00040	3.96460	.19520	3.96460
3.785	3.998	.02010	.02220	-.15590	.00210	.01160	.04130	-.12910	3.66100	4.02840	3.66100
	GRADIENT	-.00033	-.00083	-.04218	-.00059	.00007	.00821	-.03121	-.01619	1.00837	-.01619

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M010) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1901/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.289	-6.033	.03950	.05920	.34050	-.00910	.04000	-.08070	.24120	-8.27340	-5.88050	-8.27340
-8.346	-3.938	.06120	.08070	.22860	-.01820	.05960	-.04990	.15910	-8.29630	-3.83000	-8.29630
-8.089	.183	.07120	.08840	.02140	-.02740	.07010	.00490	.00100	-8.00130	.19240	-8.00130
-8.013	4.265	.06130	.07080	-.18720	-.02240	.05750	.05760	-.15600	-7.93980	4.17770	-7.93980
-7.736	6.249	.04530	.05190	-.31730	-.01510	.04440	.10160	-.25420	-7.69120	6.11900	-7.69120
	GRADIENT	.00002	-.00120	-.05069	-.00051	-.00025	.01311	-.03842	.04351	.97625	.04351

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M010) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1902/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.236	-6.147	.03910	.05650	.33330	-.00210	.03440	-.07450	.23180	-4.30030	-6.01840	-4.30030
-4.426	-4.102	.05350	.06940	.22180	-.00990	.04870	-.04590	.15370	-4.44110	-4.00720	-4.44110
-4.143	.188	.06260	.07600	.01240	-.01880	.05980	.00250	-.00220	-4.10500	.18970	-4.10500
-3.954	4.286	.05180	.05840	-.18260	-.01300	.04670	.05340	-.15000	-3.95330	4.20090	-3.95330
-3.660	6.249	.02870	.03360	-.30830	-.00540	.03410	.09460	-.24340	-3.70020	6.13270	-3.70020
	GRADIENT	-.00018	-.00129	-.04822	-.00038	-.00022	.01183	-.03621	.05831	.97853	.05831

RUN NO. 1903/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.015	-6.276	.00000	.00070	.31500	.00650	.02450	-.06790	.21650	-.17570	-6.20310	-.17570
-.092	-4.420	.00000	.00090	.21050	-.00040	.03390	-.04240	.15040	-.20210	-4.35890	-.20210
-.223	-.107	.00000	.00100	.02550	-.01300	.05220	-.00220	.01070	-.27290	-.08170	-.27290
-.194	3.616	.00000	.00080	-.14570	-.00730	.04270	.03970	-.11920	-.28170	3.61180	-.28170
-.139	5.689	.00000	.00060	-.26640	.00030	.02990	.07680	-.20600	-.27280	5.67140	-.27280
	GRADIENT	.00000	-.00001	-.04531	-.00091	.00118	.01019	-.03352	-.01008	.99193	-.01006

RUN NO. 1904/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.169	-5.692	.02900	.03740	.24850	.01240	.01610	-.04800	.17350	3.97350	-5.73850	3.97350
4.103	-3.694	.03270	.03890	.16280	.00420	.02100	-.02900	.11210	3.96460	-3.73240	3.96460
4.038	.185	.03670	.04480	.00350	-.00470	.02730	.00670	-.00970	3.95780	.18410	3.95780
3.749	3.931	.03560	.03860	-.13960	.00000	.02400	.03640	-.11620	3.62070	4.00980	3.62070
4.066	5.959	.02750	.02660	-.24500	.00510	.01310	.07260	-.19720	3.87810	6.00430	3.87810
	GRADIENT	.00038	-.00003	-.03941	-.00055	.00040	.00852	-.02975	-.04465	1.00880	-.04465

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M011) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1907/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.284	-4.251	.07170	.09250	.26320	-.03240	.07880	-.07580	.19220	-8.25360	-4.09760	-8.25360
-8.113	.173	.08770	.10760	.02200	-.04770	.09260	.00680	.00020	-8.02330	.18430	-8.02330
-8.036	4.288	.07460	.08330	-.20550	-.03850	.08030	.08210	-.17910	-7.97670	4.16600	-7.97670
	GRADIENT	.00038	-.00102	-.05488	-.00075	.00021	.01849	-.04348	.03267	.96770	.03267

RUN NO. 1908/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-6.291	-4.030	.07200	.09040	.23670	-.03090	.07720	-.06610	.17200	-6.28830	-3.89580	-6.28830
-6.127	.258	.08420	.10120	.00870	-.04130	.08940	.01020	-.01020	-6.06270	.26070	-6.06270
-5.899	4.393	.07210	.05910	-.20950	-.03540	.07590	.08060	-.17910	-5.88130	4.27070	-5.88130
	GRADIENT	.00003	-.00368	-.05298	-.00055	-.00014	.01742	-.04169	.04835	.96956	.04835

RUN NO. 1909/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.088	-4.120	.06940	.08620	.23200	-.02730	.07260	-.06490	.16980	-4.13030	-4.00250	-4.13030
-4.128	.188	.08280	.09860	.00930	-.03920	.08650	.00870	-.00750	-4.09300	.18940	-4.09300
-3.900	4.332	.07060	.07670	-.19970	-.03120	.07320	.07590	-.17190	-3.92570	4.21790	-3.92570
	GRADIENT	.00016	-.00110	-.05108	-.00048	.00009	.01666	-.04043	.02410	.97257	.02410

RUN NO. 1910/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-2.409	-4.211	.06660	.08250	.23130	-.02350	.07000	-.06470	.16980	-2.49220	-4.10910	-2.49220
-2.124	.201	.07760	.08950	.00350	-.03390	.08010	.00910	-.01270	-2.12030	.19770	-2.12030
-1.894	4.307	.06720	.07210	-.19520	-.02760	.06760	.07120	-.16710	-1.96680	4.20760	-1.96680
	GRADIENT	.00008	-.00119	-.05009	-.00050	-.00025	.01596	-.03957	.06196	.97632	.06196

RUN NO. 1911/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.018	-4.363	.00000	.00150	.22730	-.01990	.07030	-.06110	.16680	-.12490	-4.29760	-.12480
-.117	-.311	.00000	.00180	.03460	-.03090	.08470	-.00120	.01530	-.18240	-.27980	-.18240
-.100	3.545	.00000	.00140	-.14500	-.02600	.07420	.05010	-.12410	-.21170	3.54210	-.21170
	GRADIENT	.00000	-.00001	-.04708	-.00079	.00052	.01407	-.03679	.01102	.99138	-.01102

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M011) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1912/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
2.256	-3.712	.06500	.07540	.17790	-.01720	.06170	-.04230	.12800	2.11120	-3.74140	2.11120
1.813	.193	.07240	.08240	.00290	-.02640	.07380	.00630	-.00930	1.75410	.18820	1.75410
1.750	3.820	.06470	.06750	-.15300	-.01840	.06220	.04960	-.12910	1.61860	3.83800	1.61860
	GRADIENT	-.00002	-.00101	-.04394	-.00019	.00010	.01220	-.03415	-.06573	1.00628	-.06573

RUN NO. 1913/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
3.865	-3.737	.06100	.07080	.17090	-.01470	.05650	-.03860	.12360	3.70380	-3.78410	3.70380
4.048	.199	.06870	.07690	.00870	-.02290	.06730	.00390	-.00520	3.95650	.19310	3.95650
3.794	3.962	.05990	.06240	-.14450	-.01610	.05520	.04500	-.12510	3.64140	3.99920	3.64140
	GRADIENT	-.00013	-.00107	-.04097	-.00020	-.00015	.01086	-.03231	-.00755	1.01097	-.00755

IA105A, AEDC PWT-TF470, O.T S W/SILTS (T8M012) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1914/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.347	-6.106	.04420	.07010	.38860	-.03100	.07780	-.13420	.29230	-8.37260	-5.88150	-8.37260
-8.364	-3.993	.06830	.08960	.25230	-.03880	.08300	-.07590	.18440	-8.32520	-3.83960	-8.32520
-8.072	.184	.08930	.11040	.02040	-.05220	.09420	.00700	-.00110	-7.97920	.19160	-7.97920
-8.022	4.308	.07670	.08580	-.21800	-.04380	.08350	.08950	-.18840	-7.96590	4.17460	-7.96590
-7.665	6.314	.05880	.06530	-.35760	-.03590	.07530	.14760	-.29730	-7.66310	6.11460	-7.66310
	GRADIENT	.00102	-.00045	-.05666	-.00061	.00007	.01993	-.04491	.04337	.98554	.04337

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M012) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1915/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.193	-6.207	.05580	.07800	.36650	-.02450	.06770	-.12490	.27720	-4.32430	-6.02650	-4.32430
-4.444	-4.180	.07290	.09120	.24520	-.03310	.07710	-.07590	.18250	-4.49120	-4.04540	-4.49120
-4.113	.188	.08520	.10220	.00850	-.04450	.08900	.00830	-.00800	-4.07880	.18730	-4.07880
-4.012	4.321	.07330	.07940	-.21090	-.03640	.07720	.08460	-.18140	-4.04660	4.19500	-4.04660
-3.557	6.286	.05750	.06270	-.33630	-.02880	.06800	.13480	-.27820	-3.66860	6.11520	-3.66860
	GRADIENT	.00007	-.00135	-.05366	-.00041	.00004	.01888	-.04281	.05270	.96935	.05270

RUN NO. 1916/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.121	-6.312	.00000	.00150	.34480	-.01760	.06450	-.11190	.25880	-.11430	-6.22710	-.11430
.024	-4.419	.00000	.00180	.24540	-.02240	.07150	-.07320	.18250	-.12880	-4.35020	-.12880
-.112	-.153	.00000	.00220	.03830	-.03540	.08910	-.00320	.01890	-.17890	-.12190	-.17890
-.089	3.594	.00000	.00210	-.13830	-.03110	.08340	.05240	-.12000	-.20680	3.58720	-.20680
.004	5.689	.00000	.00260	-.25810	-.02410	.07410	.09770	-.21230	-.18510	5.66390	-.18510
	GRADIENT	.00000	.00004	-.04790	-.00113	.00155	.01569	-.03777	-.00978	.99065	-.00978

RUN NO. 1941/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.346	-5.638	.06120	.07250	.24970	-.01480	.05870	-.07600	.18980	4.09950	-5.71000	4.09950
3.871	-3.631	.06970	.08110	.15400	-.02260	.06770	-.03810	.11010	3.71120	-3.67990	3.71120
3.867	.190	.07780	.08800	.00140	-.03080	.07870	.00870	-.01170	3.77930	.18680	3.77930
3.849	3.958	.06870	.07260	-.13700	-.02300	.06590	.04880	-.12020	3.69490	3.99890	3.69490
3.893	5.830	.06150	.06170	-.24040	-.01890	.05810	.08990	-.20210	3.66360	5.80790	3.66360
	GRADIENT	-.00013	-.00111	-.03835	-.00006	-.00023	.01145	-.03035	-.00210	1.01190	-.00210

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (T8M013) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1918/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.281	-6.346	.05380	.08150	.40320	-.03130	.07460	-.14170	.30350	-8.32400	-6.10430	-8.32400
-8.396	-3.983	.07370	.09800	.26400	-.03910	.08150	-.08230	.19460	-8.35630	-3.83200	-8.35630
-8.095	187	.08730	.10920	.02380	-.05150	.09200	.00550	.00190	-8.00070	.19390	-8.00070
-7.997	4.295	.07380	.08290	-.22790	-.04500	.08090	.09400	-.19610	-7.93770	4.16710	-7.93770
-7.721	6.342	.05830	.06600	-.36370	-.03860	.07560	.14850	-.29910	-7.72210	6.13500	-7.72210
	GRADIENT	.00002	-.00181	-.05941	-.00072	-.00007	.02130	-.04719	.05065	.96622	.05065

RUN NO. 1919/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.213	-6.215	.05500	.07870	.36650	-.02720	.06970	-.12670	.27730	-4.35340	-6.02690	-4.35340
-4.414	-4.150	.06980	.09000	.25390	-.03190	.07600	-.07970	.18990	-4.46670	-4.01610	-4.46670
-4.116	.190	.08390	.10190	.01300	-.04330	.08840	.00760	-.00510	-4.08570	.19010	-4.08570
-4.004	4.325	.07020	.07650	-.22210	-.03400	.07570	.08680	-.18830	-4.03930	4.20090	-4.03930
-3.590	6.299	.05740	.06310	-.34280	-.03210	.06950	.13910	-.28290	-3.70180	6.12300	-3.70180
	GRADIENT	.00007	-.00156	-.05615	-.00027	-.00001	.01965	-.04462	.05073	.96945	.05073

RUN NO. 1920/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.143	-6.307	.00000	.00150	.34540	-.02050	.06590	-.11650	.26140	-.09420	-6.22230	-.09420
.072	-4.418	.00000	.00200	.24260	-.02550	.07470	-.07630	.18280	-.08630	-4.35090	-.08630
-.073	-.151	.00000	.00260	.04190	-.03660	.08830	-.00630	.02290	-.14260	-.12480	-.14260
-.041	3.586	.00000	.00330	-.15870	-.03220	.08410	.06080	-.13580	-.16320	3.58070	-.16320
.055	5.686	.00000	.00300	-.27620	-.02510	.07400	.10760	-.22750	-.13960	5.66230	-.13960
	GRADIENT	.00000	.00016	-.05007	-.00088	.00122	.01711	-.03975	-.00969	.99099	-.00969

RUN NO. 1921/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.208	-5.635	.05900	.07240	.26570	-.01580	.05910	-.08690	.20410	3.95510	-5.70830	3.95510
3.877	-3.650	.06890	.08160	.17160	-.02420	.06720	-.04740	.12610	3.71070	-3.70420	3.71070
4.040	.195	.07590	.08780	.00680	-.03040	.07720	.00710	-.00760	3.94580	.18900	3.94580
3.768	3.951	.06820	.07220	-.14930	-.02530	.06710	.05600	-.13050	3.60800	3.99220	3.60800
4.067	5.908	.05850	.05950	-.24800	-.02170	.05670	.09660	-.20980	3.83250	5.96610	3.83250
	GRADIENT	-.00008	-.00123	-.04222	-.00015	-.00000	.01360	-.03376	-.01322	1.01248	-.01322

1A105A, AEDC PWT-TF470, O T S W/SILTS (T8M014) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1923/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.127	-4.013	.07340	.09850	.23780	-.04130	.08130	-.07630	.17770	-8.10150	-3.85140	-8.10150
-8.066	.197	.08440	.10640	.01520	-.05210	.08890	.00630	-.00380	-7.98180	.20450	-7.98180
-8.004	4.321	.07340	.08400	-.21800	-.04400	.08100	.08970	-.18750	-7.96060	4.17850	-7.96060
	GRADIENT	.00001	-.00173	-.05468	-.00033	-.00003	.01992	-.04382	.01695	.96346	.01695

RUN NO. 1924/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-6.292	-4.055	.07170	.09540	.23040	-.04130	.07850	-.07340	.17170	-6.29980	-3.90660	-6.29980
-6.110	.204	.08220	.09950	.00520	-.04740	.08760	.00890	-.01160	-6.05280	.20980	-6.05280
-6.007	4.339	.07260	.08220	-.21310	-.04100	.07950	.08710	-.18340	-6.00030	4.20530	-6.00030
	GRADIENT	.00012	-.00156	-.05284	.00003	.00013	.01912	-.04231	.03579	.96642	.03579

RUN NO. 1925/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.275	-4.114	.06030	.08200	.22220	-.03890	.07740	-.07140	.16680	-4.32350	-3.98760	-4.32360
-4.122	.196	.08120	.09870	.00470	-.04530	.08540	.00790	-.00930	-4.09390	.19830	-4.09390
-3.991	4.313	.07130	.07960	-.20460	-.03840	.07710	.08180	-.17400	-4.02250	4.19590	-4.02250
	GRADIENT	.00133	-.00025	-.05064	.00005	-.00002	.01818	-.04044	.03586	.97099	.03586

RUN NO. 1926/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-2.439	-4.223	.06610	.08600	.21620	-.03350	.07590	-.07020	.16370	-2.52760	-4.11900	-2.52760
-2.137	.202	.07900	.09270	-.00300	-.04160	.08320	.01060	-.01680	-2.13860	.20000	-2.13860
-1.887	4.328	.06980	.07650	-.19820	-.03530	.07450	.08060	-.17100	-1.96390	4.22940	-1.96390
	GRADIENT	.00046	-.00108	-.04848	-.00023	-.00014	.01764	-.03916	.06619	.97630	.06619

RUN NO. 1927/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.021	-4.370	.00000	.00260	.22300	-.02840	.07660	-.07600	.17200	-.11840	-4.30520	-.11840
-.056	-.314	.00000	.00360	.03070	-.03020	.08900	-.00240	.01370	-.12460	-.28630	-.12460
-.054	3.545	.00000	.00360	-.15530	-.03420	.08180	.06180	-.13400	-.16780	3.53720	-.16780
	GRADIENT	.00000	.00013	-.04779	-.00075	.00068	.01742	-.03867	-.00620	.99087	-.00620

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M014) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1928/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
2.250	-3.701	.06880	.08400	.17830	-.02640	.07010	-.05410	.13370	2.09930	-3.72810	2.09930
2.113	.213	.07410	.08520	-.00350	-.03260	.07810	.00770	-.01320	2.04740	.20710	2.04740
1.739	3.804	.06900	.07400	-.16150	-.02830	.07100	.06280	-.13850	1.60610	3.81900	1.60610
	GRADIENT	.00005	-.00131	-.04530	-.00027	.00015	.01558	-.03629	-.06493	1.00565	-.06493

RUN NO. 1929/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
3.952	-3.713	.06630	.08160	.17320	-.02600	.06610	-.05200	.12990	3.78710	-3.76450	3.78710
4.034	.205	.07280	.08430	-.00030	-.03210	.07470	.00750	-.01090	3.94080	.19810	3.94080
3.772	3.951	.06670	.07020	-.16160	-.02830	.06560	.06320	-.13960	3.61990	3.99000	3.61990
	GRADIENT	.00006	-.00147	-.04369	-.00031	-.00005	.01503	-.03517	-.02135	1.01173	-.02135

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M015) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1931/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.234	-6.080	.05150	.08000	.37310	-.04190	.07310	-.13820	.28290	-8.25490	-5.87250	-8.25490
-8.418	-3.969	.06850	.09500	.24680	-.04770	.07560	-.08400	.18590	-8.37850	-3.82390	-8.37850
-8.121	.238	.08070	.10280	.01350	-.05300	.08440	.00490	-.00350	-8.02820	.24160	-8.02820
-7.968	4.360	.06800	.07940	-.23090	-.04430	.07710	.09530	-.19500	-7.91480	4.23060	-7.91480
-7.702	6.348	.05100	.05910	-.35510	-.04750	.07040	.14880	-.28880	-7.69200	6.16240	-7.69200
	GRADIENT	-.00005	-.00186	-.05735	.00040	.00019	.02153	-.04573	.05577	.96705	.05577

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M015) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1932/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.303	-6.194	.04750	.07160	.35900	-.03420	.06840	-.13240	.27200	-4.39770	-6.03280	-4.39770
-4.472	-4.137	.06330	.08560	.24230	-.04120	.07110	-.08280	.18320	-4.49790	-4.01920	-4.49790
-4.134	.244	.07710	.09460	.00600	-.04610	.08070	.00720	-.00890	-4.09430	.24410	-4.09430
-4.010	4.350	.06440	.07250	-.22780	-.03890	.07220	.09220	-.19000	-4.01750	4.24370	-4.01750
-3.564	6.316	.04860	.05430	-.34160	-.03940	.06640	.14150	-.27670	-3.62990	6.16820	-3.62990
	GRADIENT	.00016	-.00150	-.05537	.00026	.00015	.02062	-.04397	.05700	.97359	.05700

RUN NO. 1933/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.064	-6.345	.00000	.00180	.33970	-.02580	.06720	-.12450	.25720	-.25210	-6.25810	-.25210
-.116	-4.439	.00000	.00240	.23240	-.03030	.07340	-.08000	.17760	-.23260	-4.36920	-.23260
-.174	-.160	.00000	.00390	.02560	-.03980	.08450	-.00190	.01050	-.22710	-.14970	-.22710
-.227	3.569	.00000	.00320	-.16630	-.03420	.07840	.06630	-.14000	-.31370	3.56130	-.31370
-.170	5.665	.00000	.00240	-.28280	-.03280	.07090	.11580	-.23040	-.30980	5.63600	-.30980
	GRADIENT	.00000	.00011	-.04976	-.00053	.00067	.01827	-.03965	-.00987	.99027	-.00987

RUN NO. 1934/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.219	-5.605	.05550	.07260	.25840	-.02110	.05860	-.09090	.19810	3.99450	-5.66350	3.99450
3.883	-3.609	.06150	.07720	.16340	-.02570	.06450	-.05150	.12080	3.74260	-3.65300	3.74260
3.995	.242	.06940	.07720	-.00340	-.03070	.07380	.00810	-.01200	3.91470	.23610	3.91470
3.711	3.978	.06320	.06770	-.16200	-.02830	.06380	.06250	-.13680	3.57790	4.00660	3.57790
3.998	5.931	.05240	.05410	-.25740	-.02790	.05710	.10490	-.21230	3.79850	5.97460	3.79850
	GRADIENT	.00023	-.00124	-.04289	-.00035	-.00008	.01503	-.03396	-.02137	1.00962	-.02137

1A105A, AEDC PWT-TF470, O T S W/SILTS (18M016) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0070

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1936/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.379	-6.021	.04980	.07800	.35740	-.03820	.07330	-.13370	.26910	-8.38910	-5.84290	-8.38910
-8.521	-3.920	.06470	.09160	.24280	-.04580	.07470	-.08550	.18330	-8.48150	-3.79690	-8.48150
-8.372	.437	.07660	.09780	.00680	-.04890	.08230	.00410	-.00480	-8.28580	.43810	-8.28580
-7.678	4.475	.06530	.07670	-.21910	-.04220	.07600	.08880	-.18190	-7.62720	4.36660	-7.62720
-7.785	6.469	.05150	.05990	-.33870	-.04620	.07040	.14020	-.27210	-7.77000	6.30610	-7.77000
	GRADIENT	.00011	-.00173	-.05501	.00041	.00018	.02076	-.04350	.10102	.97244	.10102

RUN NO. 1937/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.402	-6.202	.04520	.06920	.35420	-.03060	.06760	-.13220	.26550	-4.46570	-6.06880	-4.46570
-4.585	-4.123	.05870	.08070	.24200	-.03870	.06980	-.08640	.18410	-4.58910	-4.02970	-4.58910
-4.216	.315	.07300	.09080	.00540	-.04190	.07840	.00420	-.00590	-4.16880	.31560	-4.16880
-3.972	4.450	.06130	.06960	-.22360	-.03820	.07100	.08980	-.18430	-3.96010	4.36630	-3.96010
-3.563	6.358	.04680	.05230	-.33650	-.03880	.06450	.13890	-.26880	-3.59440	6.23830	-3.59440
	GRADIENT	.00034	-.00125	-.05429	.00005	.00016	.02055	-.04297	.07362	.97928	.07362

RUN NO. 1938/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.223	-6.403	.00000	.00160	.33750	-.02230	.06520	-.12500	.25190	-.36370	-6.32330	-.36370
-.278	-4.487	.00000	.00200	.23520	-.02890	.06960	-.08320	.17950	-.36310	-4.42160	-.36310
-.353	-.246	.00000	.00400	.02680	-.03900	.08120	-.00580	.01420	-.38900	-.21830	-.38900
-.363	3.501	.00000	.00300	-.16600	-.03270	.07580	.06590	-.13690	-.42460	3.49780	-.42460
-.337	5.596	.00000	.00180	-.28430	-.03140	.06930	.11690	-.22680	-.44030	5.57520	-.44030
	GRADIENT	.00000	.00013	-.05020	-.00052	.00082	.01866	-.03959	-.00766	.99133	-.00766

RUN NO. 1939 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.249	-5.525	.05180	.06680	.26860	-.01730	.05870	-.09800	.20340	4.06070	-5.58170	4.06070
3.891	-3.515	.05700	.06990	.16590	-.02350	.06420	-.05770	.12440	3.77510	-3.55660	3.77510
3.904	.321	.06560	.07670	.00250	-.03120	.07020	.00570	-.00660	3.84910	.31150	3.84910
3.600	3.996	.05740	.06180	-.17220	-.02780	.06050	.06940	-.14330	3.49840	4.02200	3.49840
3.863	5.942	.04970	.05070	-.27500	-.02490	.05620	.11250	-.21910	3.70890	5.97870	3.70890
	GRADIENT	.00007	-.00106	-.04500	-.00058	-.00048	.01692	-.03563	-.03643	1.00901	-.03643

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M017) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1733/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.221	-7.919	-.01380	.00620	.41940	-.00020	-.01250	-.10520	.30090	-8.21240	-7.80340	-8.21240
-8.052	-3.861	.00770	.02590	.18910	-.01030	.00010	-.04920	.14060	-8.00350	-3.80330	-8.00350
-8.155	.330	.01610	.03230	-.02050	-.01600	.00690	.00920	-.02030	-8.08700	.32460	-8.08700
-7.913	4.171	.00510	.01280	-.21000	-.00780	-.00270	.06120	-.16610	-7.85920	4.11100	-7.85920
-7.605	8.101	-.01760	-.01490	-.43030	.00350	-.01060	.11390	-.31380	-7.58690	7.99150	-7.58690
	GRADIENT	-.00029	-.00158	-.04970	.00029	-.00032	.01375	-.03819	.01739	.98538	.01739

RUN NO. 1734/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.195	-8.049	-.03670	-.01970	.41430	.00880	-.00860	-.10230	.29330	-4.24020	-7.95110	-4.24020
-4.150	-3.936	.00690	.02150	.19400	-.00420	-.00090	-.04910	.14590	-4.14450	-3.88030	-4.14450
-3.991	.187	.01530	.02840	-.00220	-.01200	.00620	.00360	-.00520	-3.95770	.18560	-3.95770
-3.852	4.174	.00380	.00930	-.20470	-.00540	-.00470	.05800	-.16020	-3.84780	4.11750	-3.84780
-3.795	8.170	-.01900	-.01720	-.42950	.00640	-.01060	.11110	-.30790	-3.83800	8.07270	-3.83800
	GRADIENT	-.00037	-.00149	-.04915	-.00016	-.00046	.01320	-.03773	.03663	.98608	.03663

RUN NO. 1735/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.154	-8.107	-.01540	-.00130	.41030	.01380	-.01130	-.09780	.28390	-.26820	-8.03930	-.26820
-.265	-4 269	.00740	.01820	.20500	.00020	-.00450	-.04910	.15320	-.32250	-4.21960	-.32250
-.249	-.051	.01550	.02630	.00990	-.00970	.00460	.00150	.00470	-.28610	-.02340	-.28610
-.210	3.799	.00970	.01360	-.16630	-.00470	-.00360	.04640	-.12890	-.26830	3.80720	-.26830
-.129	7.818	-.01020	-.00940	-.38540	.00800	-.01400	.09840	-.27630	-.24220	7.80830	-.24220
	GRADIENT	.00031	-.00053	-.04602	-.00064	.00014	.01184	-.03497	.00675	.99489	.00675

RUN NO. 1736/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.482	-7.702	-.00980	.00080	.36100	.01460	-.01310	-.08610	.25330	4.30160	-7.75530	4.30160
4.158	-3.819	.01020	.01630	.15460	-.00340	-.00360	-.03420	.11540	4.07410	-3.85170	4.07410
4.112	.193	.01140	.02180	-.00080	-.00780	.00330	.00530	-.00550	4.06960	.19250	4.06960
3.848	4.108	.00730	.00760	-.15810	-.00370	-.00510	.04340	-.12590	3.77340	4.13180	3.77340
3.871	7.972	-.01320	-.01410	-.37250	.01110	-.01250	.09440	-.26440	3.72010	8.01090	3.72010
	GRADIENT	-.00036	-.00109	-.03944	-.00004	-.00018	.00979	-.03044	-.03778	1.00713	-.03778

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M017) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1737/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
8.253	-7.785	-.00860	.00020	.33750	.01500	-.01060	-.08160	.23850	8.03000	-7.90730	8.03000
8.166	-3.775	.00760	.01190	.14990	-.00090	-.00410	-.03450	.11210	8.05010	-3.83740	8.05010
7.790	.153	.00870	.02130	.00130	-.00530	.00270	.00430	-.00380	7.71290	.15000	7.71290
8.129	4.137	.00380	.00490	-.15860	.00050	-.00570	.04130	-.12290	6.01690	4.18650	8.01690
8.186	8.098	-.01080	-.01340	-.35160	.00980	-.01260	.09050	-.25110	7.98650	8.20280	7.98650
	GRADIENT	-.00048	-.00089	-.03900	.00018	-.00021	.00958	-.02970	-.00400	1.01419	-.00400

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1738/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.173	-5.987	.00980	.02910	.31300	-.00700	.00530	-.07340	.22640	-8.14900	-5.87400	-8.14900
-8.376	-3.895	.02530	.04370	.18710	-.01440	.01980	-.04130	.13620	-8.32340	-3.81940	-8.32340
-8.293	.322	.03660	.05110	-.01320	-.02150	.03240	.00160	-.00990	-8.21590	.31960	-8.21590
-8.019	4.257	.01980	.02640	-.21540	-.01240	.01350	.06010	-.16940	-7.96210	4.18260	-7.96210
-7.776	6.225	.00550	.00910	-.33190	-.00380	.00400	.08730	-.25010	-7.74080	6.11550	-7.74080
	GRADIENT	-.00063	-.00208	-.04935	.00022	-.00073	.01241	-.03745	.04409	.98160	.04409

RUN NO. 1739/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.263	-6.107	.00210	.01820	.32440	.00180	.00250	-.07700	.23330	-4.30200	-6.00800	-4.30200
-4.442	-4.069	.02060	.03570	.19780	-.00630	.01420	-.04340	.14500	-4.44510	-3.99850	-4.44510
-4.097	.196	.03190	.04350	.00310	-.01640	.02750	-.00150	.00250	-4.06530	.19550	-4.06530
-3.914	4.266	.01570	.01960	-.21110	-.00980	.00760	.05610	-.16370	-3.92000	4.19660	-3.92000
-3.647	6.199	.00060	.00200	-.33050	.00040	-.00270	.08370	-.24490	-3.68580	6.10420	-3.68580
	GRADIENT	-.00056	-.00190	-.04904	-.00038	-.00076	.01192	-.03701	.06321	.98330	.06321

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1740/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.155	-6.208	.00310	.01630	.31070	.00690	-.00220	-.07190	.22200	-.27400	-6.14260	-.27400
-.231	-4.071	.01920	.02390	.18670	-.00420	.00830	-.03950	.13760	-.31160	-4.01730	-.31160
-.241	-.164	.02840	.03810	.00310	-.01340	.02240	.00620	-.00110	-.29250	-.13630	-.29250
-.169	3.697	.01990	.02220	-.16960	-.00770	.00900	.04340	-.13000	-.25000	3.70140	-.25000
-.077	5.709	.00700	.00710	-.28610	.00060	-.00280	.07110	-.21020	-.19280	5.70330	-.19280
	GRADIENT	.00009	-.00099	-.04587	-.00045	.00010	.01067	-.03445	.00792	.99363	.00792

RUN NO. 1741/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.161	-5.701	.00870	.01660	.25200	.00390	-.00240	-.05640	.18360	3.98440	-5.75150	3.98440
3.893	-3.687	.01890	.02490	.14820	-.00470	.00680	-.02750	.10860	3.77260	-3.72400	3.77260
4.062	.201	.02220	.03150	.00300	-.00990	.01670	.00640	-.00330	3.99300	.19750	3.99300
3.780	4.013	.01510	.01520	-.16190	-.00560	.00320	.04020	-.12600	3.66360	4.04290	3.66360
3.960	5.978	.00530	.00260	-.27220	.00390	-.00590	.06740	-.20180	3.80030	6.01870	3.80030
	GRADIENT	-.00049	-.00125	-.04026	-.00012	-.00046	.00879	-.03046	-.01392	1.00862	-.01392

RUN NO. 1742/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.380	-5.710	.00720	.01210	.24110	.00360	-.00400	-.05250	.17620	6.18990	-5.78160	6.18990
6.047	-3.717	.01620	.02140	.14660	-.00140	.00430	-.02670	.10890	5.90960	-3.76790	5.90960
5.995	.208	.02010	.02860	.00540	-.00540	.01570	.00560	-.00190	5.89960	.20220	5.89960
5.623	4.011	.01260	.01360	-.15020	-.00010	.00440	.03500	-.11720	5.49820	4.04270	5.49820
5.919	5.943	.00430	.00160	-.24600	.00580	-.00510	.06000	-.18560	5.75350	5.99440	5.75350
	GRADIENT	-.00046	-.00099	-.03839	.00016	.00003	.00799	-.02926	-.05297	1.01073	-.05297

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (T8M019) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OP-ELV = 9.000

RUN NO. 1743/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.300	-6.000	.03210	.05110	.30420	-.01220	.02980	-.07060	.21690	-8.27320	-5.86950	-8.27320
-8.382	-3.912	.04630	.06490	.18990	-.01940	.04430	-.04980	.14320	-8.32540	-3.82360	-8.32540
-8.302	.352	.05520	.07060	-.00500	-.02590	.05340	-.01260	.00540	-8.21670	.35090	-8.21670
-8.014	4.255	.03990	.04730	-.20900	-.01990	.03460	.05170	-.15830	-7.94880	4.17050	-7.94880
-7.780	6.257	.02540	.02970	-.33080	-.01160	.02270	.09020	-.24870	-7.73860	6.13240	-7.73860
	GRADIENT	-.00074	-.00210	-.04879	-.00008	-.00114	.01237	-.03685	.04579	.97881	.04579

RUN NO. 1744/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.239	-6.133	-.07590	-.05940	.30170	-.00640	.03340	-.06200	.20740	-4.28480	-6.02170	-4.28480
-4.434	-4.108	.03580	.05090	.19830	-.01090	.02970	-.04540	.14620	-4.44060	-4.02760	-4.44060
-4.146	.190	.04590	.05750	.00460	-.01950	.04230	-.00750	.00840	-4.11100	.18940	-4.11100
-3.956	4.276	.03290	.03770	-.20530	-.01410	.02570	.05200	-.15730	-3.96250	4.19550	-3.96250
-3.661	6.248	.01740	.02030	-.32800	-.00640	.01260	.09000	-.24670	-3.70950	6.13570	-3.70950
	GRADIENT	-.00032	-.00155	-.04811	-.00040	-.00045	.01159	-.03617	.05720	.98084	.05720

RUN NO. 1745/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.116	-6.240	.02090	.03410	.29700	.00400	.01510	-.06170	.20420	-.25680	-6.17000	-.25680
-.210	-4.410	.02610	.03690	.20030	-.00140	.01530	-.03830	.14300	-.30660	-4.35190	-.30660
-.239	-.309	.03600	.04460	.01590	-.01120	.03040	-.00510	.01550	-.29460	-.28050	-.29460
-.158	3.623	.02900	.03380	-.15650	-.00860	.01820	.03570	-.11870	-.25050	3.62310	-.25050
-.061	5.689	.01750	.01780	-.28020	-.00110	.00400	.07490	-.21140	-.19970	5.67720	-.19970
	GRADIENT	.00038	-.00037	-.04442	-.00091	.00038	.00920	-.03257	.00695	.99279	.00695

RUN NO. 1746/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.156	-5.683	.01660	.02420	.24070	.00340	.00370	-.04770	.17300	3.96870	-5.72870	3.96870
3.865	-3.681	.02410	.02970	.14750	-.00140	.01170	-.02240	.10550	3.73160	-3.71660	3.73160
4.060	.198	.02820	.03550	.00090	-.00790	.02240	.00310	-.00010	3.98180	.19570	3.98180
3.771	4.002	.02010	.02210	-.16090	-.00250	.00860	.03730	-.12490	3.64610	4.02960	3.64610
3.967	5.962	.00990	.00800	-.26210	.00450	-.00300	.06540	-.19950	3.79720	5.99950	3.79720
	GRADIENT	-.00052	-.00098	-.04013	-.00015	-.00039	.00777	-.02998	-.01088	1.00823	-.01088

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M020) (09 MAY 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1230.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300				

PARAMETRIC DATA

MACH =	.950	RN/L =	3.500
IB-ELV =	8.000	OB-ELV =	9.000

RUN NO. 1747/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.331	-6.022	.04760	.06840	.31450	-.01810	.04770	-.07920	.22840	-8.31180	-5.87410	-8.31180
-8.390	-3.935	.06510	.08500	.19550	-.02520	.06800	-.04980	.14500	-8.33700	-3.83150	-8.33700
-8.292	.333	.07380	.09120	-.00660	-.03200	.07850	-.00420	-.00360	-8.20290	.33320	-8.20290
-7.974	4.261	.05720	.06540	-.20270	-.02390	.05670	.05160	-.15670	-7.90610	4.17610	-7.90610
-7.803	6.252	.04240	.04710	-.33080	-.01610	.04450	.09840	-.25640	-7.76530	6.11920	-7.76530
	GRADIENT	-.00092	-.00234	-.04856	.00013	-.00132	.01235	-.03678	.05227	.97695	.05227

RUN NO. 1748/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.224	-6.145	.02140	.03870	.30770	-.00730	.03830	-.07160	.21810	-4.27680	-6.02460	-4.27680
-4.450	-4.102	.05320	.06940	.19340	-.01380	.05080	-.03910	.13770	-4.45770	-4.01520	-4.45770
-4.126	.187	.06370	.07730	.00780	-.02290	.06530	-.00800	.00940	-4.08880	.18700	-4.08880
-3.940	4.271	.04880	.05450	-.19600	-.01640	.04400	.04730	-.14990	-3.94790	4.18540	-3.94790
-3.682	6.247	.03510	.03900	-.31820	-.00780	.03240	.09120	-.24390	-3.73360	6.12730	-3.73360
	GRADIENT	-.00050	-.00175	-.04648	-.00033	-.00078	.01029	-.03431	.06109	.97938	.06109

RUN NO. 1749/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.075	-6.243	.03120	.04500	.29220	.00090	.02570	-.06970	.20870	-.22080	-6.16970	-.22080
-.148	-4.421	.04190	.05360	.19680	-.00410	.03400	-.03940	.13990	-.25040	-4.35840	-.25040
-.182	-.100	.05240	.06260	.01260	-.01470	.05010	-.00790	.01410	-.23440	-.07360	-.23440
-.103	3.616	.04430	.04920	-.15040	-.01050	.03590	.03630	-.11600	-.19440	3.61320	-.19440
.020	5.685	.03590	.03850	-.26610	-.00460	.02500	.07220	-.20210	-.12140	5.66790	-.12140
	GRADIENT	.00036	-.00048	-.04319	-.00084	.00033	.00936	-.03177	.00668	.99192	.00688

RUN NO. 1750/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.166	-5.678	.03080	.03960	.23120	.00400	.01890	-.05110	.16880	3.96620	-5.72620	3.96620
3.868	-3.687	.03450	.04030	.13780	-.00190	.02330	-.02050	.09650	3.73200	-3.72230	3.73200
4.046	.193	.03840	.04700	.00040	-.00950	.03120	.00450	-.00390	3.96670	.19100	3.96670
3.727	3.971	.03200	.03480	-.14180	-.00370	.02050	.03320	-.11270	3.60070	3.99470	3.60070
4.068	5.968	.02370	.02240	-.24710	.00150	.01010	.07130	-.19720	3.88500	6.00830	3.88500
	GRADIENT	-.00032	-.00071	-.03651	-.00024	-.00035	.00701	-.02731	.01680	1.00770	-.01680

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M021) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1751/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.278	-6.079	.05530	.07900	.35290	-.03560	.06660	-.11900	.26790	-8.29150	-5.87580	-8.29150
-8.437	-3.967	.07530	.09590	.22820	-.04180	.08460	-.07470	.17430	-8.39190	-3.82760	-8.39190
-8.250	.329	.08560	.10430	-.00030	-.05030	.09310	.00020	-.00480	-8.15950	.33030	-8.15950
-7.990	4.294	.07210	.07920	-.21760	-.04390	.07920	.07700	-.18000	-7.93710	4.16860	-7.93710
-7.722	6.301	.05540	.05950	-.35210	-.03550	.06830	.13260	-.28590	-7.72090	6.10930	-7.72090
	GRADIENT	-.00035	-.00197	-.05395	-.00028	-.00062	.01835	-.04287	.05504	.96787	.05504

RUN NO. 1752/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.181	-6.192	.05280	.07320	.34460	-.02480	.06330	-.11500	.26120	-4.29330	-6.02540	-4.29330
-4.443	-4.135	.06800	.08520	.22130	-.03090	.07480	-.07060	.16940	-4.47820	-4.01690	-4.47820
-4.226	.201	.08190	.09730	.01450	-.04340	.08720	-.00270	.00490	-4.19330	.20270	-4.19330
-3.989	4.322	.06770	.07240	-.20190	-.03660	.07120	.07020	-.16880	-4.02060	4.20610	-4.02060
-3.600	6.249	.05320	.05600	-.32040	-.02910	.05970	.11710	-.26080	-3.70400	6.08670	-3.70400
	GRADIENT	-.00001	-.00148	-.05002	-.00069	-.00040	.01664	-.03997	.05421	.97234	.05421

RUN NO. 1753/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.059	-6.288	.05040	.06650	.31890	-.01630	.05660	-.09960	.23990	-.15560	-6.20520	-.15560
-.038	-4.392	.06060	.07460	.21550	-.02060	.06320	-.06210	.16250	-.17780	-4.32580	-.17780
-.061	-.209	.07600	.08750	.02420	-.03180	.08080	-.00620	.01570	-.13060	-.23960	-.13060
.032	3.576	.06940	.07350	-.14950	-.02740	.06990	.04640	-.12290	-.08830	3.57280	-.08830
.131	5.674	.05820	.05950	-.26750	-.02110	.05730	.09080	-.21600	-.05890	5.65290	-.05890
	GRADIENT	.00114	-.00010	-.04582	-.00088	.00088	.01362	-.03582	.01124	.99129	.01124

RUN NO. 1754/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.185	-5.635	.05250	.06400	.24600	-.01440	.04900	-.06980	.18940	3.94220	-5.69720	3.94220
3.904	-3.685	.06090	.07100	.15900	-.02150	.05830	-.03970	.11970	3.74020	-3.73280	3.74020
4.050	.197	.06830	.07820	.01620	-.02710	.06950	-.00200	.00590	3.95640	.18840	3.95640
3.748	3.966	.05990	.06240	-.14530	-.02120	.05790	.04190	-.12230	3.59690	3.99700	3.59690
4.091	5.916	.05180	.05050	-.23780	-.01580	.04820	.07770	-.19710	3.86770	5.96510	3.86770
	GRADIENT	-.00012	-.00111	-.03976	.00003	-.00004	.01066	-.03162	.01836	1.01039	-.01836

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M022) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1755/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.308	-6.104	.05690	.08290	.37480	-.04100	.07190	-.13570	.28560	-8.32620	-5.89190	-8.32620
-8.371	-3.980	.07780	.09950	.23320	-.04760	.08720	-.08090	.17870	-8.32780	-3.83880	-8.32780
-8.323	.334	.08960	.10960	-.00490	-.05610	.09730	.00280	-.00940	-8.22770	.33140	-8.22770
-7.974	4.302	.07370	.08110	-.23810	-.04770	.08260	.09090	-.19730	-7.92620	4.16810	-7.92620
-7.733	6.301	.05530	.06070	-.37240	-.03690	.07300	.14590	-.30070	-7.73770	6.10230	-7.73770
	GRADIENT	-.00045	-.00216	-.05688	-.00004	-.00051	.02072	-.04537	.04812	.96677	.04812

RUN NO. 1756/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.204	-6.195	.05370	.07600	.36680	-.02740	.06880	-.13260	.28040	-4.32490	-6.02490	-4.32490
-4.424	-4.148	.07140	.08980	.24030	-.03540	.07950	-.08380	.18490	-4.46240	-4.03080	-4.46240
-4.101	.185	.08630	.10310	.00990	-.04670	.09360	-.00190	.00230	-4.07290	.18570	-4.07290
-4.007	4.331	.07170	.07690	-.22060	-.03980	.07840	.08430	-.18550	-4.05200	4.20850	-4.05200
-3.575	6.291	.05350	.05790	-.34630	-.03020	.06560	.13450	-.28110	-3.69670	6.12460	-3.69670
	GRADIENT	.00006	-.00149	-.05435	-.00053	-.00010	.01982	-.04367	.04872	.97175	.04872

RUN NO. 1757/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.073	-6.284	.06670	.08420	.33620	-.01740	.05870	-.11620	.25650	-.14860	-6.20570	-.14860
-.029	-4.396	.06290	.07760	.24490	-.02400	.06820	-.08070	.18640	-.17380	-4.33460	-.17380
-.087	-.174	.08050	.09330	.03030	-.03640	.08600	-.00880	.02020	-.15340	-.14800	-.15340
-.002	3.598	.07370	.07920	-.14470	-.03250	.07540	.04970	-.12020	-.11990	3.59270	-.11990
.120	5.675	.06420	.06670	-.26990	-.02780	.06610	.09920	-.21820	-.07470	5.65350	-.07470
	GRADIENT	.00141	.00027	-.04878	-.00110	.00097	.01633	-.03837	.00670	.99166	.00670

RUN NO. 1758/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.211	-5.638	.05990	.07220	.25610	-.02030	.06050	-.08640	.19950	3.95690	-5.71270	3.95690
3.891	-3.654	.07000	.08130	.16050	-.02850	.07000	-.04730	.12030	3.72370	-3.70990	3.72370
4.033	.195	.07830	.08950	.01190	-.03320	.08090	-.00070	.00230	3.94190	.18730	3.94190
3.763	3.953	.06810	.07160	-.14630	-.02710	.06790	.04960	-.12370	3.60670	3.99160	3.60670
4.077	5.906	.05860	.05840	-.24690	-.02220	.05780	.09140	-.20530	3.84570	5.96420	3.84570
	GRADIENT	-.00024	-.00126	-.04033	.00018	-.00026	.01274	-.03207	-.01509	1.01236	-.01509

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M023) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1759/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.269	-6.117	.05810	.08590	.35710	-.04190	.07220	-.13120	.27440	-8.30110	-5.89360	-8.30110
-8.353	-3.978	.07640	.09930	.22240	-.04750	.08520	-.07790	.17080	-8.31560	-3.83800	-8.31560
-8.092	.179	.08730	.10860	.01020	-.05440	.09520	-.00120	.00110	-8.00640	.18020	-8.00640
-7.959	4.292	.07420	.08300	-.21460	-.04760	.08250	.08270	-.17980	-7.91460	4.15730	-7.91460
-7.758	6.333	.05830	.06520	-.34970	-.04060	.07330	.13940	-.28540	-7.77340	6.12310	-7.77340
	GRADIENT	-.00026	-.00196	-.05284	-.00002	-.00032	.01942	-.04239	.04853	.96674	.04853

RUN NO. 1760/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.180	-6.209	.05530	.07910	.33920	-.03140	.06840	-.12450	.26260	-4.30900	-6.03600	-4.30900
-4.416	-4.152	.07120	.09140	.22270	-.03780	.07930	-.07820	.17240	-4.46360	-4 02800	-4.46360
-4.118	.184	.08320	.10060	.01620	-.04610	.09020	-.00410	.00730	-4.09240	.18350	-4.09240
-3.976	4.321	.07030	.07720	-.20260	-.03990	.07620	.07680	-.17060	-4.01770	4.20070	-4.01770
-3.599	6.289	.05670	.06170	-.32230	-.03440	.06700	.12670	-.26440	-3.71890	6.12150	-3.71890
	GRADIENT	-.00008	-.00165	-.05018	-.00026	-.00034	.01828	-.04046	.05289	.97121	.05289

RUN NO. 1761/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.077	-6.278	.05120	.07020	.32190	-.02300	.06160	-.11540	.24800	-.14190	-6.20000	-.14190
-.011	-4.402	.06480	.08070	.22350	-.02810	.07090	-.07520	.17180	-.15650	-4.33940	-.15650
-.051	-.167	.07880	.09270	.02380	-.03800	.08490	-.00630	.01420	-.12250	-.14060	- 12250
.032	3.598	.07210	.07800	-.15310	-.03340	.07490	.05510	-.12870	-.09100	3.59250	-.09100
.182	5.681	.06070	.06400	-.26660	-.02810	.06290	.09850	-.21660	-.01480	5.65920	-.01480
	GRADIENT	.00096	-.00027	-.04707	-.00070	.00056	.01629	-.03755	.00818	.99140	.00818

RUN NO. 1762/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.215	-5.635	.05550	.06890	.26270	-.02010	.05750	-.09030	.20470	3.96040	-5.70960	3.96040
3.897	-3.649	.06610	.07890	.16620	-.02830	.06640	-.05130	.12640	3.72960	-3.70580	3.72860
4.030	.195	.07380	.08560	.01580	-.03240	.07710	-.00150	.00570	3.93590	.18610	3.93590
3.765	3.951	.06510	.06880	-.14910	-.02910	.06520	.05260	-.12710	3.60850	3.98660	3.60850
4.040	5.901	.05520	.05550	-.24670	-.02470	.05460	.09370	-.20720	3.80950	5.95510	3.80950
	GRADIENT	-.00012	-.00132	-.04148	-.00011	-.00015	.01367	-.03335	.01553	1.01220	-.01553

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M024) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
ID-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1763/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.295	-6.115	.05330	.08230	.36280	-.04790	.06880	-.13710	.27960	-8.32640	-5.89220	-8.32640
-8.421	-3.987	.07220	.09810	.22510	-.05030	.08010	-.08040	.17440	-8.38630	-3.83660	-8.38630
-8.273	.348	.08330	.10260	-.00280	-.05420	.09060	.00300	-.00890	-8.18820	.34580	-8.18820
-8.000	4.320	.06940	.07890	-.22870	-.04530	.07640	.08770	-.18940	-7.96120	4.18330	-7.96120
-7.768	6.341	.05260	.05900	-.35780	-.04580	.06820	.14340	-.28870	-7.78120	6.13810	-7.78120
	GRADIENT	-.00029	-.00226	-.05459	.00058	-.00016	.02022	-.04377	.05109	.96538	.05109

RUN NO. 1764/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.220	-6.198	.05100	.07560	.33800	-.03350	.06690	-.12730	.26170	-4.33960	-6.02890	-4.33860
-4.444	-4.150	.06730	.08860	.22080	-.04000	.07660	-.08010	.17170	-4.48500	-4.02830	-4.48500
-4.107	.191	.08030	.09820	.01090	-.04680	.08690	-.00240	.00240	-4.07960	.19460	-4.07960
-3.991	4.312	.06720	.07430	-.21220	-.04120	.07400	.08170	-.17710	-4.02340	4.19950	-4.02340
-3.623	6.316	.05220	.05700	-.33260	-.04010	.06410	.13330	-.26980	-3.72540	6.15610	-3.72540
	GRADIENT	.00002	-.00165	-.05114	-.00015	-.00028	.01911	-.04120	.05489	.97229	.05489

RUN NO. 1765/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.065	-6.295	.04850	.06910	.31900	-.02600	.06060	-.11810	.24630	-.14300	-6.21400	-.14300
-.011	-4.413	.06250	.07980	.21830	-.02910	.06960	-.07740	.16980	-.14960	-4.34950	-.14960
-.027	-.165	.07880	.09360	.02110	-.03870	.08270	-.00640	.01320	-.09730	-.13920	-.09730
.034	3.594	.08200	.08850	-.15250	-.03470	.07240	.05720	-.12850	-.08160	3.58690	-.08160
.101	5.671	.05860	.06300	-.26980	-.03120	.06240	.10480	-.22010	-.07820	5.64560	-.07820
	GRADIENT	.00247	.00113	-.04631	-.00073	.00041	.01681	-.03724	.00857	.99113	.00857

RUN NO. 1766/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.209	-5.638	.05420	.06870	.26440	-.02280	.05710	-.09380	.20540	3.96470	-5.70460	3.96470
3.889	-3.634	.06410	.07930	.16770	-.02980	.06580	-.05400	.12790	3.72570	-3.68560	3.72570
4.051	.212	.07180	.08360	.01160	-.03330	.07570	-.00050	.00160	3.95780	.20260	3.95780
3.753	3.954	.06370	.06710	-.15690	-.03080	.06390	.05870	-.13370	3.60270	3.98890	3.60270
4.037	5.905	.05300	.05450	-.25420	-.02830	.05350	.09960	-.21150	3.81520	5.95650	3.81520
	GRADIENT	-.00004	-.00160	-.04277	-.00014	-.00024	.01485	-.03447	-.01586	1.01137	-.01586

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M025) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1989/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-7.979	-7.885	-.01500	.00570	.40250	-.00340	-.01400	-.09180	.28020	-7.96690	-7.77740	-7.96690
-8.049	-3.832	.00590	.02400	.19040	-.01100	-.00550	-.04170	.13340	-7.99810	-3.77920	-7.99810
-8.093	.313	.01420	.02950	-.01870	-.01550	.00090	.01530	-.02620	-8.02650	.30320	-8.02650
-7.596	4.188	.00330	.01260	-.20530	-.00870	-.00870	.06360	-.16680	-7.55050	4.12430	-7.55050
-7.574	8.058	-.01840	-.01370	-.41720	-.00050	-.01920	.11350	-.30900	-7.56130	7.94590	-7.56130
	GRADIENT	-.00030	-.00139	-.04935	.00027	-.00038	.01314	-.03744	.05509	.98543	.05509

RUN NO. 1990/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.139	-7.997	-.01710	.00080	.40350	.00610	-.01340	-.09100	.27790	-4.17910	-7.90250	-4.17910
-4.137	-3.905	.00430	.01890	.19570	-.00420	-.00650	-.04220	.13830	-4.12960	-3.85180	-4.12960
-3.926	.187	.01370	.02630	.00440	-.01160	.00050	.00870	-.00870	-3.89490	.18380	-3.89490
-3.855	4.144	.00280	.00900	-.19590	-.00570	-.00960	.05980	-.15920	-3.85490	4.08470	-3.85490
-3.782	8.130	-.02050	-.01760	-.41720	.00530	-.01960	.11100	-.30590	-3.83190	8.03100	-3.83190
	GRADIENT	-.00017	-.00121	-.04864	-.00020	-.00037	.01267	-.03696	.03426	.98605	.03426

RUN NO. 1991/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.149	-8.164	-.01920	-.00450	.41190	.01310	-.01710	-.09260	.28140	-.25870	-8.09560	-.25870
-.271	-4.260	.00080	.01230	.21710	.00110	-.00890	-.04540	.15230	-.32500	-4.20930	-.32500
-.249	-.054	.01250	.02300	.01620	-.00810	.00020	.00540	.00200	-.28590	-.02640	-.28590
-.193	3.805	.00700	.01120	-.15620	-.00450	-.00770	.04790	-.12730	-.25520	3.81420	-.25520
-.106	7.817	-.01400	-.01230	-.37730	.00700	-.01970	.09800	-.27350	-.22650	7.80720	-.22650
	GRADIENT	.00080	-.00010	-.04631	-.00072	.00018	.01158	-.03469	.00866	.99488	00866

RUN NO. 1992/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.474	-7.680	-.01170	-.00130	.36240	.01580	-.01810	-.08020	.24820	4.29810	-7.72960	4.29810
4.193	-3.845	.00660	.01280	.16790	-.00020	-.00740	-.03100	.11490	4.10940	-3.87460	4.10940
4.202	.187	.01040	.02050	.00490	-.00550	-.00070	.00830	-.00730	4.15740	.18990	4.15740
3.876	4.133	.00680	.00720	-.15190	-.00310	-.00890	.04560	-.12620	3.79780	4.16130	3.79780
3.892	7.994	-.01400	-.01430	-.36800	.00930	-.01920	.09410	-.26460	3.73300	8.03660	3.73300
	GRADIENT	.00003	-.00069	-.04008	-.00037	-.00018	.00960	-.03022	-.03887	1.00718	-.03887

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M025) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1993/ 0 RN/L = 3.50. GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
8.232	-7.806	-.01190	-.00310	.35350	.02000	-.01730	-.07830	.24220	8.01470	-7.92170	8.01470
8.197	-3.798	.00310	.00810	.17120	.00240	-.00820	-.03220	.11530	8.08120	-3.85450	8.08120
7.840	.140	.00790	.02000	.00500	-.00390	-.00140	.00820	-.00700	7.76040	.14450	7.76040
8.171	4.142	.00330	.00500	-.14730	-.00020	-.00950	.04230	-.11990	6.05530	4.19860	8.05530
7.952	8.017	-.01090	-.01350	-.33930	.01310	-.01730	.08790	-.24650	7.75220	8.12170	7.75220
	GRADIENT	.00002	-.00040	-.04011	-.00032	-.00017	.00938	-.02962	-.00305	1.01434	-.00305

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M026) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1994/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.012	-5.938	.00590	.02590	.30710	-.00230	-.00190	-.06530	.21680	-7.98760	-5.82620	-7.98760
-8.347	-3.884	.01970	.03750	.18310	-.00820	.00890	-.02970	.12410	-8.29270	-3.80940	-8.29270
-8.240	.278	.02960	.04300	-.01650	-.01230	.01990	.01260	-.02130	-8.16310	.27320	-8.15310
-7.935	4.225	.01500	.02320	-.20980	-.00600	.00490	.06030	-.16740	-7.87970	4.14890	-7.87970
-7.729	6.209	.00170	.00710	-.33250	.00260	-.00350	.08840	-.24940	-7.69760	6.09750	-7.69760
	GRADIENT	-.00055	-.00174	-.04844	.00026	-.00046	.01109	-.03594	.05075	.98134	.05075

RUN NO. 1995/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.209	-6.091	.00080	.01820	.31630	.00860	-.00210	-.06770	.22070	-4.24580	-5.99390	-4.24580
-4.436	-4.053	.01500	.02940	.19370	.00100	.00460	-.03450	.13450	-4.43620	-3.98370	-4.43620
-4.049	.197	.02500	.03660	-.00350	-.00860	.01510	.01180	-.01300	-4.01790	.19550	-4.01790
-3.921	4.242	.01140	.01630	-.20730	-.00220	-.00040	.05810	-.16370	-3.92930	4.17160	-3.92930
-3.620	6.166	-.00210	.00050	-.32850	.00570	-.00940	.08550	-.24400	-3.66380	6.07060	-3.66380
	GRADIENT	-.00041	-.00155	-.04833	-.00040	-.00058	.01116	-.03594	.06143	.98323	.06143

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M026) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1996/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.131	-6.250	-.00250	.01180	.31530	.01100	-.00640	-.06550	.21670	-.24910	-6.18370	-.24910
-.219	-4.360	.00940	.01990	.20830	.00370	-.00220	-.03680	.14350	-.30140	-4.30380	-.30140
-.227	-.204	.02040	.03040	.01180	-.00560	.01040	.00920	-.00110	-.27890	-.17480	-.27890
-.146	3.613	.01450	.01760	-.15880	-.00050	.00110	.04260	-.12510	-.22950	3.61830	-.22950
-.054	5.698	.00200	.00290	-.28600	.00730	-.00970	.07200	-.21020	-.17490	5.69290	-.17490
	GRADIENT	.00067	-.00025	-.04606	-.00055	.00045	.00998	-.03371	.00896	.99361	.00896

RUN NO. 1997/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.188	-5.719	.00280	.01090	.26100	.01290	-.00710	-.05480	.18390	4.01010	-5.76820	4.01010
3.899	-3.707	.01180	.01790	.15420	.00430	-.00070	-.02320	.10490	3.77700	-3.74190	3.77700
4.100	.198	.01680	.02580	.00610	-.00330	.00720	.00900	-.00550	4.02990	.19830	4.02990
3.790	4.038	.01040	.01180	-.15610	.00040	-.00370	.04040	-.12450	3.67420	4.06940	3.67420
4.035	6.016	.00220	.00020	-.26600	.00640	-.01210	.06590	-.19750	3.87460	6.05670	3.87460
	GRADIENT	-.00018	-.00078	-.04006	-.00051	-.00038	.00821	-.02962	-.01305	1.00856	-.01305

RUN NO. 1998/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.399	-5.751	.00100	.00610	.25410	.01110	-.00910	-.05240	.17980	6.21420	-5.81610	6.21420
6.087	-3.755	.00920	.01490	.15960	.00580	-.00270	-.02520	.10980	5.95140	-3.79910	5.95140
6.024	.208	.01530	.02350	.00940	.00060	.00740	.00730	-.00360	5.92780	.20270	5.92780
5.632	4.013	.00860	.01040	-.14840	.00430	-.00320	.03770	-.11930	5.50420	4.04710	5.50420
5.839	5.970	.00130	-.00040	-.24560	.00830	-.01100	.06080	-.18600	5.67310	6.02180	5.67310
	GRADIENT	-.00007	-.00056	-.03964	-.00020	-.00005	.00810	-.02943	-.05721	1.01013	-.05721

IA105A, AEDC PWT-TF470, O T S W/O SILTS (T8M027) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 11.000

RUN NO. 1999/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-6.307	-5.960	.02850	.04800	.30570	-.01000	.02090	-.06450	.21610	-8.27510	-5.83260	-8.27510
-8.316	-3.905	.04210	.06040	.18370	-.01430	.03500	-.03130	.12750	-8.25740	-3.82090	-8.25740
-8.271	.323	.05100	.06580	-.01390	-.01990	.04640	.00710	-.01320	-8.18560	.31510	-8.18560
-7.990	4.238	.03630	.04530	-.20860	-.01260	.02990	.06020	-.16420	-7.92850	4.14930	-7.92850
-7.707	6.229	.02080	.02660	-.33220	-.00320	.01440	.09610	-.25450	-7.67220	6.10160	-7.67220
	GRADIENT	-.00067	-.00181	-.04816	.00019	-.00058	.01121	-.03579	.04008	.97877	.04008

RUN NO. 2000/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.247	-6.109	.02040	.03790	.30370	.00240	.01620	-.05900	.20770	-4.28860	-5.99960	-4.28860
-4.428	-4.076	.03190	.04600	.18880	-.00340	.02310	-.02950	.13030	-4.43000	-3.99820	-4.43000
-4.072	.192	.04180	.05330	.00250	-.01160	.03530	.00360	-.00150	-4.03860	.18870	-4.03860
-3.944	4.260	.02680	.03350	-.20520	-.00730	.01720	.05840	-.16150	-3.95310	4.17720	-3.95310
-3.631	6.225	.01100	.01490	-.33040	.00140	.00140	.09510	-.25180	-3.68310	6.11240	-3.68310
	GRADIENT	-.00059	-.00147	-.04723	-.00048	-.00068	.01052	-.03497	.05749	.98071	.05749

RUN NO. 2001/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.098	-6.271	.01300	.02700	.30130	.00880	.00780	-.05610	.20290	-.23870	-6.19940	-.23870
-.202	-4.396	.02020	.03030	.20080	.00380	.00970	-.03060	.13680	-.29830	-4.33650	-.29830
-.221	-.130	.03280	.04230	.00770	-.00480	.02590	.00690	.00090	-.27800	-.10150	-.27800
-.141	3.611	.02490	.03030	-.15420	-.00260	.01400	.03910	-.11980	-.23760	3.61280	-.23760
-.073	5.696	.01260	.01420	-.28450	.00430	-.00300	.07870	-.21590	-.21630	5.68510	-.21630
	GRADIENT	.00064	.00007	-.04436	-.00083	.00061	.00871	-.03204	.00752	.99281	.00752

RUN NO. 2002/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.252	-5.690	.01220	.01970	.24570	.00770	.00050	-.04440	.17140	4.06590	-5.73250	4.06590
3.882	-3.712	.01850	.02440	.15650	.00390	.00540	-.01960	.10490	3.74990	-3.74390	3.74990
4.064	.191	.02460	.03210	.00540	-.00330	.01730	.00860	-.00390	3.98420	.19280	3.98400
3.814	4.010	.01730	.02000	-.16040	.00100	.00420	.04170	-.12850	3.68420	4.04220	3.68420
4.041	6.000	.00710	.00610	-.26160	.00770	-.00300	.06800	-.20110	3.86160	6.04210	3.86160
	GRADIENT	-.00015	-.00056	-.04103	-.00038	-.00014	.00794	-.03022	.00826	1.00830	-.00826

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2003/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-6.031	-5.973	.04530	.06620	.31750	-.01580	.04420	-.07730	.22980	-8.01300	-5.82790	-8.01300
-8.325	-3.931	.06030	.07960	.19950	-.02150	.06070	-.04500	.14420	-8.27070	-3.83030	-8.27070
-8.280	.268	.06790	.08410	-.00340	-.02620	.06980	.00070	-.00410	-8.19070	.26750	-8.19070
-7.947	4.240	.05560	.06520	-.20790	-.02060	.05570	.05960	-.16460	-7.98330	4.14580	-7.88330
-7.751	6.222	.04020	.04730	-.33390	-.01360	.04090	.10280	-.25950	-7.71810	6.08410	-7.71810
	GRADIENT	-.00055	-.00174	-.04985	.00010	-.00059	.01278	-.03777	.04714	.97617	.04714

RUN NO. 2004/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.142	-6.133	.03640	.05440	.31110	-.00190	.03360	-.06930	.21890	-4.19350	-6.01390	-4.19350
-4.435	-4.086	.05050	.06630	.20000	-.00920	.04780	-.04160	.14320	-4.44170	-3.99970	-4.44170
-4.066	.188	.05860	.07160	.01030	-.01630	.05840	-.00290	.00670	-4.03000	.18620	-4.03000
-3.959	4.271	.04780	.05540	-.19590	-.01390	.04360	.05320	-.15260	-3.96850	4.18210	-3.96850
-3.647	6.202	.03200	.03710	-.31870	-.00630	.02750	.09560	-.24560	-3.70170	6.08170	-3.70170
	GRADIENT	-.00031	-.00128	-.04735	-.00057	-.00048	.01133	-.03537	.05694	.97911	.05694

RUN NO. 2005/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.096	-6.395	.02690	.04180	.30680	.00380	.02220	-.06770	.21470	-.24640	-6.31690	-.24640
-.135	-4.385	.03730	.04810	.19810	.00000	.02870	-.04600	.13850	-.23510	-4.32240	-.23510
-.178	-.226	.04950	.05920	.01560	-.01040	.04610	.00020	.00980	-.22980	-.19720	-.22980
-.079	3.654	.04200	.04790	-.14930	-.00590	.03360	.03440	-.11290	-.17530	3.65180	-.17530
.040	5.714	.03000	.03360	-.27180	-.00090	.01850	.07800	-.20730	-.11010	5.69910	-.11010
	GRADIENT	.00061	.00001	-.04322	-.00076	.00065	.00876	-.03167	.00736	.99192	.00736

RUN NO. 2006/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.177	-5.715	.02580	.03420	.23880	.00850	.01470	-.05070	.17240	3.98120	-5.75850	3.98120
3.869	-3.691	.03130	.03710	.14220	.00320	.01870	-.01660	.09440	3.73630	-3.72030	3.73630
4.099	.188	.03730	.04600	.00760	-.00580	.02930	.00500	-.00100	4.01820	.19060	4.01820
3.767	4.006	.03090	.03440	-.14020	-.00100	.01840	.03370	-.11170	3.63400	4.03440	3.63400
4.078	5.979	.02150	.02170	-.24450	.00030	.00640	.06970	-.19290	3.88900	6.02280	3.88900
	GRADIENT	-.00005	-.00034	-.03669	-.00055	-.00003	.00653	-.02677	.01306	1.00755	-.01306

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M029) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2007/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.263	-6.066	.05450	.07840	.35290	-.03450	.06420	-.11690	.26890	-8.27140	-5.86580	-8.27140
-8.354	-3.941	.07180	.09220	.21530	-.03940	.07640	-.06430	.16380	-8.30800	-3.80750	-8.30800
-8.275	.356	.08230	.10130	-.00510	-.04570	.08880	.00760	-.01030	-8.18290	.35100	-8.18290
-7.939	4.257	.06920	.07830	-.21690	-.04090	.07550	.07970	-.18010	-7.88830	4.12810	-7.88830
-7.698	6.282	.05260	.05860	-.35630	-.03310	.06430	.13500	-.28670	-7.70020	6.08640	-7.70020
	GRADIENT	-.00027	-.00163	-.05270	-.00020	-.00006	.01755	-.04193	.05083	.96803	.05083

RUN NO. 2008/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.198	-6.171	.05090	.07160	.33910	-.02140	.05960	-.11060	.25800	-4.30350	-6.00740	-4.30350
-4.443	-4.122	.06680	.08370	.21710	-.02790	.07060	-.06480	.16580	-4.47490	-4.00490	-4.47490
-4.086	.182	.07820	.09320	.00970	-.03660	.08280	.00130	.00310	-4.05510	.18130	-4.05510
-3.989	4.299	.06560	.07240	-.20220	-.03470	.06820	.07180	-.16770	-4.02570	4.17980	-4.02570
-3.583	6.239	.05130	.05570	-.32310	-.02740	.05650	.11780	-.25960	-3.69130	6.07700	-3.69130
	GRADIENT	-.00012	-.00132	-.04978	-.00082	-.00026	.01621	-.03959	.05367	.97192	.05367

RUN NO. 2009/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.034	-6.384	.04630	.06290	.32250	-.01410	.05170	-.10130	.24580	-.17880	-6.29820	-.17880
-.038	-4.408	.05960	.07330	.21430	-.01890	.06040	-.05040	.16260	-.17590	-4.34050	-.17590
-.048	-.189	.07150	.08300	.01790	-.03130	.07300	.00010	.00890	-.11800	-.15930	-.11800
.054	3.654	.06430	.06970	-.15580	-.02790	.06230	.04930	-.12810	-.07090	3.65080	-.07090
.196	5.706	.05390	.05640	-.27280	-.02190	.05160	.09250	-.21740	-.00300	5.68720	-.00300
	GRADIENT	.00062	-.00040	-.04592	-.00115	.00028	.01362	-.03606	.01304	.99120	.01304

RUN NO. 2010/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.219	-5.675	.04990	.06110	.24880	-.01200	.04560	-.07170	.19360	3.97800	-5.73470	3.97800
3.884	-3.682	.05900	.06850	.15670	-.01830	.05510	-.03730	.11830	3.72310	-3.72510	3.72310
4.108	.189	.06440	.07290	.01160	-.02370	.06390	.00160	.00370	4.01400	.18260	4.01400
3.764	3.985	.05710	.06030	-.14700	-.02040	.05270	.04410	-.12400	3.61120	4.01910	3.61120
3.849	5.869	.04920	.04850	-.24230	-.01520	.04360	.07980	-.19860	3.62850	5.91620	3.62850
	GRADIENT	-.00024	-.00106	-.03961	-.00028	-.00030	.01062	-.03160	-.01431	1.01011	-.01431

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M030) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2011/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.341	-6.049	.05580	.08220	.36980	-.03890	.06890	-.13220	.28380	-8.35140	-5.84420	-8.35140
-8.311	-3.956	.07510	.09710	.22850	-.04430	.08060	-.07470	.17460	-8.26580	-3.81980	-8.26580
-8.286	.369	.08670	.10750	-.00930	-.05200	.09300	.00950	-.01410	-8.19240	.36100	-8.19240
-7.957	4.284	.07120	.08060	-.23940	-.04500	.07860	.09160	-.19570	-7.91320	4.14560	-7.91320
-7.700	6.295	.05400	.06070	-.37360	-.03720	.06980	.14820	-.30050	-7.71240	6.09060	-7.71240
	GRADIENT	-.00042	-.00193	-.05675	-.00011	-.00019	.02017	-.04492	.04234	.96667	.04234

RUN NO. 2012/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.152	-6.178	.05220	.07500	.36020	-.02570	.06480	-.12870	.27700	-4.26890	-6.01340	-4.26890
-4.462	-4.136	.07000	.08860	.23350	-.03250	.07500	-.07820	.18050	-4.49670	-4.01970	-4.49670
-4.085	.185	.08410	.10100	.00610	-.04270	.08960	.00250	-.00020	-4.05480	.18170	-4.05480
-4.011	4.302	.06680	.07580	-.22570	-.03920	.07280	.08600	-.18640	-4.05670	4.17950	-4.05670
-3.563	6.265	.05270	.05790	-.34620	-.03120	.06210	.13520	-.27960	-3.68790	6.09930	-3.68790
	GRADIENT	-.00311	-.00148	-.05441	-.00081	-.00023	.01945	-.04347	.05256	.97172	.05256

RUN NO. 2013/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.088	-6.326	.04750	.06600	.34000	-.01740	.05650	-.11700	.26130	-.13110	-6.24600	-.13110
-.029	-4.397	.06120	.07610	.24080	-.02210	.06390	-.07760	.18490	-.16890	-4.33490	-.16890
-.071	-.173	.07780	.09000	.02660	-.03280	.08110	-.00470	.01810	-.13730	-.14580	-.13730
.013	3.598	.07170	.07900	-.15300	-.03140	.07230	.05310	-.12510	-.10930	3.59390	-.10930
.117	5.683	.06070	.06520	-.27460	-.02700	.06110	.10090	-.21940	-.07860	5.66260	-.07860
	GRADIENT	.00137	.00042	-.04928	-.00119	.00111	.01637	-.03879	.00746	.99172	.00746

RUN NO. 2014/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.224	-5.669	.05800	.07060	.25420	-.01710	.05700	-.08440	.19900	3.97470	-5.73940	3.97470
3.904	-3.675	.06750	.07860	.15660	-.02440	.06550	-.04360	.11820	3.74040	-3.72600	3.74040
4.113	.188	.07550	.08630	.00890	-.03070	.07620	.00270	.00020	4.02060	.18400	4.02060
3.790	3.983	.06560	.07000	-.15050	-.02660	.06370	.05240	-.12710	3.63270	4.02450	3.63270
4.108	5.943	.05590	.05680	-.25040	-.02100	.05350	.09300	-.20630	3.87340	6.00500	3.87340
	GRADIENT	-.00024	-.00111	-.04010	-.00029	-.00023	.01253	-.03203	-.01380	1.01207	-.01380

1A105A, AEDC PWT-TF470, O T S W/SILTS (T9M031) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1631/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.094	-6.138	.06000	.08800	.36500	-.04050	.07060	-.13040	.27720	-8.12870	-5.91770	-8.12870
-8.371	-3.990	.07800	.10170	.22960	-.04820	.08050	-.07470	.17080	-8.33300	-3.84760	-8.33300
-8.265	.335	.08840	.10690	.00160	-.05800	.09140	.00650	-.01050	-8.17650	.33380	-8.17650
-8.061	4.304	.07550	.08370	-.21820	-.05050	.08060	.08820	-.18790	-6.01460	4.17220	-8.01460
-7.733	6.315	.06040	.06710	-.35000	-.04530	.07430	.14290	-.29240	-7.74810	6.11020	-7.74810
	GRADIENT	-.00026	-.00212	-.05398	-.00031	.00005	.01963	-.04323	.03836	.96702	.03836

RUN NO. 1632/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.147	-6.188	.07230	.09640	.34260	-.03340	.06440	-.11950	.25960	-4.27800	-6.01760	-4.27800
-4.179	-4.121	.07740	.09730	.22500	-.03870	.07630	-.07290	.16800	-4.23230	-4.00110	-4.23230
-4.116	.184	.08490	.10180	.01640	-.04830	.08890	-.00120	.00180	-4.09130	.18370	-4.09130
-3.998	4.327	.07380	.08030	-.20200	-.04330	.07750	.08080	-.17600	-4.04380	4.20370	-4.04380
-3.597	6.285	.06060	.06560	-.32100	-.03790	.06960	.12990	-.27000	-3.71980	6.11770	-3.71980
	GRADIENT	-.00041	-.00199	-.05053	-.00056	.00016	.01819	-.04071	.02238	.97124	.02238

RUN NO. 1633/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.020	-6.399	.06760	.08800	.33820	-.02510	.05850	-.11680	.25640	-.21160	-6.31870	-.21160
-.089	-4.215	.06300	.07920	.21800	-.03070	.07220	-.06720	.16200	-.23120	-4.15320	-.23120
-.105	-.201	.08250	.09650	.02890	-.04080	.08460	-.00250	.01310	-.17750	-.17460	-.17750
-.029	3.678	.08670	.09180	-.15300	-.03580	.07550	.05940	-.13380	-.15560	3.66930	-.15560
.099	5.702	.09020	.09350	-.27030	-.03050	.06360	.10560	-.22670	-.10270	5.67720	-.10270
	GRADIENT	.00301	.00161	-.04701	-.00066	.00043	.01604	-.03748	.00960	.99118	.00960

RUN NO. 1634/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.295	-5.626	.05930	.07290	.26990	-.02450	.05500	-.08610	.20430	4.03350	-5.70690	4.03350
4.110	-3.675	.07030	.08350	.17420	-.03040	.06630	-.04840	.12700	3.93420	-3.73740	3.93420
3.975	.197	.07670	.08820	.01830	-.03450	.07790	.00280	.00150	3.87900	.18680	3.87900
3.801	3.949	.08470	.08800	-.14670	-.03150	.06570	.05640	-.13140	3.63930	3.98750	3.63930
3.879	5.837	.08700	.08740	-.24460	-.02470	.05610	.09590	-.21090	3.64280	5.89150	3.64280
	GRADIENT	.00189	.00059	-.04208	-.00015	-.00006	.01374	-.03389	.03855	1.01325	-.03855

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M032) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1635/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.341	-6.127	.05950	.08990	.36730	-.04610	.07180	-.13340	.27780	-8.37560	-5.89890	-8.37560
-8.380	-3.986	.07730	.10340	.22800	-.05020	.08040	-.07530	.17000	-8.34770	-3.83270	-8.34770
-8.297	.370	.08750	.10570	.00040	-.05670	.09290	.00830	-.01330	-8.21290	.36880	-8.21290
-8.008	4.324	.07510	.08450	-.22410	-.04720	.08330	.09130	-.19350	-7.97030	4.18690	-7.97030
-7.743	6.339	.05850	.06530	-.35400	-.04790	.07480	.14640	-.29470	-7.75960	6.13390	-7.75960
	GRADIENT	-.00022	-.00223	-.05437	.00033	.00039	.02004	-.04372	.04517	.96511	.04517

RUN NO. 1636/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.021	-6.101	.05770	.08280	.33920	-.03480	.06870	-.12030	.25570	-4.14670	-5.93390	-4.14670
-4.201	-4.115	.07280	.09430	.22390	-.04200	.07690	-.07350	.16630	-4.25030	-3.99410	-4.25030
-4.114	.195	.08500	.10230	.01510	-.04990	.08900	.00260	-.00110	-4.08910	.19840	-4.08910
-4.005	4.326	.07290	.08010	-.20650	-.04310	.07910	.08480	-.18020	-4.04390	4.20960	-4.04390
-3.612	6.292	.05850	.06350	-.32310	-.04200	.06970	.13370	-.27090	-3.71940	6.13150	-3.71940
	GRADIENT	.00003	-.00166	-.05097	-.00014	.00028	.01875	-.04103	.02455	.97189	.02455

RUN NO. 1637/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.024	-6.366	.02330	.04520	.33140	-.02970	.06470	-.11670	.25030	-.19500	-6.28430	-.19500
-.073	-4.234	.07150	.08870	.21420	-.03320	.07190	-.06870	.15940	-.20880	-4.17100	-.20880
-.067	-.221	.08100	.09610	.02890	-.04210	.08500	-.00170	.01160	-.13950	-.19510	-.13950
-.007	3.671	.07670	.08270	-.15170	-.03710	.07870	.06150	-.13370	-.12750	3.66150	-.12750
.100	5.711	.08160	.08610	-.26680	-.03290	.06610	.10300	-.22500	-.08780	5.68330	-.08780
	GRADIENT	.00067	-.00075	-.04629	-.00050	.00087	.01647	-.03708	.01032	.99089	.01032

RUN NO. 1638/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.208	-5.636	.06010	.07510	.27680	-.02660	.05770	-.09150	.20780	3.95670	-5.70470	3.95670
4.101	-3.667	.06970	.08490	.17600	-.03240	.06730	-.05020	.12670	3.93110	-3.72380	3.93110
3.997	.207	.07670	.08820	.01450	-.03580	.07840	.00430	-.00240	3.90130	.19680	3.90130
3.777	3.960	.07010	.07340	-.15160	-.03280	.06880	.06120	-.13590	3.62140	3.99600	3.62140
3.845	5.840	.07610	.07760	-.24940	-.02960	.05780	.10100	-.21410	3.62250	5.88850	3.62250
	GRADIENT	.00006	-.00150	-.04294	-.00006	.00021	.01460	-.03442	.04043	1.01211	-.04043

IA105A, AEDC PWT-TF470, O T S W/SILTS (TBM033) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1639/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.276	-6.081	.07370	.10280	.36110	-.04770	.06920	-.13280	.27070	-8.30140	-5.86940	-8.30140
-8.422	-3.961	.07390	.10050	.22620	-.05230	.07770	-.07620	.16750	-8.38480	-3.81750	-8.38480
-8.310	.391	.08400	.10230	-.00050	-.05530	.09120	.00870	-.01500	-8.21990	.38600	-8.21990
-8.054	4.358	.07110	.08120	-.22450	-.04610	.08150	.09180	-.19230	-8.00420	4.22820	-8.00420
-7.708	6.359	.05460	.06190	-.34520	-.04710	.07490	.14400	-.28500	-7.70460	6.17140	-7.70460
	GRADIENT	-.00029	-.00228	-.05414	.00072	.00050	.02018	-.04323	.04562	.96715	.04562

RUN NO. 1640/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.233	-6.172	.06920	.09340	.35410	-.03500	.06680	-.13020	.26550	-4.32640	-6.01290	-4.32640
-4.248	-4.129	.06800	.08990	.22970	-.04340	.07360	-.07720	.16970	-4.27670	-4.01790	-4.27670
-4.125	.235	.08160	.09800	.01440	-.04910	.08720	.00240	-.00160	-4.08910	.23350	-4.08910
-4.013	4.349	.06800	.07520	-.21420	-.04250	.07550	.08820	-.18440	-4.02290	4.24460	-4.02290
-3.602	6.274	.05310	.05800	-.32810	-.04280	.06840	.13680	-.27140	-3.66720	6.12930	-3.66720
	GRADIENT	.00003	-.00170	-.05233	.00009	.00025	.01950	-.04174	.03007	.97460	.03007

RUN NO. 1641/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.155	-6.413	.06560	.08640	.33380	-.02910	.06130	-.12150	.25000	-.34170	-6.32470	-.34170
-.245	-4.234	.06780	.08610	.21700	-.03410	.06990	-.07090	.16090	-.35360	-4.16630	-.35360
-.220	-.222	.07880	.09510	.02510	-.04210	.08290	-.00180	.00980	-.27630	-.19420	-.27630
-.173	3.658	.08390	.09090	-.16350	-.03590	.07440	.06480	-.14020	-.26560	3.64710	-.26560
-.092	5.693	.08860	.09310	-.27560	-.03570	.06380	.11360	-.22850	-.23850	5.66230	-.23850
	GRADIENT	.00204	.00062	-.04821	-.00024	.00059	.01719	-.03815	.01120	.99003	.01120

RUN NO. 1645/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.120	-5.675	.05550	.07290	.26430	-.02590	.05710	-.09560	.20450	3.88950	-5.73400	3.88950
4.144	-3.634	.06310	.07880	.16730	-.03080	.06590	-.05410	.12470	3.99070	-3.68430	3.99070
3.984	.244	.07160	.08230	.00340	-.03490	.07710	.00350	-.00400	3.90220	.23520	3.90220
3.717	3.976	.06560	.06920	-.16580	-.03020	.06840	.06120	-.13740	3.58420	4.00180	3.58420
3.983	5.936	.08410	.08540	-.26230	-.02940	.05700	.10330	-.21450	3.78500	5.97530	3.78500
	GRADIENT	.00034	-.00125	-.04376	.00007	.00035	.01515	-.03443	.05322	1.00999	-.05322

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M034) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1646/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.476	-6.052	.05180	.07950	.34880	-.04500	.07020	-.13190	.26320	-8.48430	-5.87650	-8.48430
-8.492	-3.898	.06800	.09410	.22270	-.05070	.07490	-.08090	.17070	-8.45080	-3.78110	-8.45080
-8.388	.466	.07890	.09690	-.01160	-.05210	.08820	.00530	-.01480	-8.30210	.46470	-8.30210
-7.979	4.446	.06710	.07750	-.23000	-.04490	.08140	.08870	-.18810	-7.92700	4.33740	-7.92700
-7.726	6.446	.05380	.06120	-.33690	-.04670	.07470	.13530	-.26920	-7.71410	6.28840	-7.71410
	GRADIENT	-.00007	-.00195	-.05424	.00068	.00082	.02032	-.04299	.06231	.97294	.06231

RUN NO. 1647/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.399	-6.182	.05460	.07800	.34120	-.03270	.06710	-.12960	.25760	-4.45530	-6.05650	-4.45530
-4.387	-4.098	.06200	.08350	.22780	-.03960	.07220	-.08230	.17380	-4.38910	-4.01090	-4.38910
-4.226	.319	.07670	.09170	-.00310	-.04490	.08550	.00020	-.00540	-4.17870	.31690	-4.17870
-3.944	4.429	.06370	.07120	-.22340	-.04210	.07450	.08660	-.18290	-3.93500	4.34520	-3.93500
-3.575	6.356	.05000	.05480	-.33280	-.04200	.06750	.13400	-.26500	-3.60890	6.23910	-3.60890
	GRADIENT	.00024	-.00140	-.05291	-.00030	.00030	.01980	-.04182	.05319	.98002	.05319

RUN NO. 1648/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.304	-6.476	.06600	.08590	.33970	-.02520	.05880	-.12990	.25630	-.44190	-6.39650	-.44190
-.364	-4.295	.06990	.08780	.22100	-.03120	.06640	-.07930	.16920	-.43900	-4.23340	-.43900
-.384	-.283	.07970	.09550	.02280	-.04080	.07930	-.00700	.01480	-.41780	-.25440	-.41780
-.342	3.576	.08520	.09250	-.17130	-.03470	.07130	.06480	-.13990	-.40460	3.57220	-.40460
-.272	5.621	.08920	.09320	-.28540	-.03300	.06230	.11390	-.22580	-.37660	5.59860	-.37660
	GRADIENT	.00195	.00061	-.04984	-.00046	.00064	.01818	-.03926	.00438	.99164	.00438

RUN NO. 1649/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.247	-5.525	.05270	.06780	.27530	-.02190	.05740	-.10250	.20940	4.05580	-5.58600	4.05580
4.136	-3.541	.05920	.07180	.17300	-.03100	.06410	-.05940	.12900	4.01550	-3.58880	4.01550
3.791	.327	.06870	.08030	.00980	-.03490	.07550	.00080	-.00010	3.73700	.31540	3.73700
3.679	4.002	.08390	.08820	-.16640	-.03080	.06210	.06480	-.13870	3.57830	4.02450	3.57830
3.691	5.854	.05310	.05420	-.26720	-.02550	.06090	.10700	-.21420	3.54060	5.88460	3.54060
	GRADIENT	.00327	.00217	-.04497	.00002	-.00024	.01646	-.03547	.05808	1.00932	-.05808

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M035) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1528/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.084	-7.877	-.01730	.00420	.42420	-.01130	-.02370	-.09800	.29430	-8.07660	-7.76480	-8.07660
-8.155	-3.668	.00780	.02540	.19340	-.02060	-.01220	-.03970	.13030	-8.10380	-3.61310	-8.10380
-7.925	.345	.02170	.03630	-.01020	-.02220	-.00510	.01630	-.02440	-7.85990	.33970	-7.85990
-7.642	4.240	.00950	.01840	-.20920	-.01640	-.01450	.07030	-.17630	-7.59340	4.18070	-7.59340
-7.707	8.183	-.01230	-.00650	-.41510	-.01020	-.00810	.11080	-.29860	-7.68410	8.07760	-7.68410
	GRADIENT	.00023	-.00087	-.05091	.00053	-.00028	.01391	-.03877	.06453	.98562	.06453

RUN NO. 1529/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.217	-8.003	-.02050	-.00170	.42930	-.00550	-.02580	-.09500	.29220	-4.26110	-7.90690	-4.26110
-4.263	-3.780	.00530	.02000	.20170	-.01540	-.01360	-.04000	.13620	-4.25480	-3.72720	-4.25480
-3.895	.182	.09500	.10700	.01370	-.01820	-.01300	.00990	-.00710	-3.86380	.18000	-3.86380
-3.857	4.142	.00200	.00830	-.19560	-.01230	-.01380	.06490	-.16460	-3.85300	4.08570	-3.85300
-3.787	8.144	-.01420	-.01000	-.40580	-.00400	-.00840	.10750	-.29100	-3.82780	8.05020	-3.82780
	GRADIENT	-.00042	-.00148	-.05015	.00039	-.00003	.01324	-.03797	.05072	.98615	.05072

RUN NO. 1530/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.180	-8.340	-.02170	-.00640	.44230	-.00030	-.02570	-.09540	.29400	-.29840	-8.27110	-.29840
-.271	-4.286	.00150	.01350	.23100	-.01010	-.01600	-.04430	.15530	-.33000	-4.23650	-.33000
-.277	-.259	.01270	.02310	.04110	-.01810	-.00610	.00460	.01260	-.31300	-.23000	-.31300
-.241	3.736	.00680	.01110	-.14500	-.01280	-.01200	.05090	-.12540	-.29760	3.74480	-.29760
-.154	7.758	-.01140	-.00840	-.37270	-.00190	-.01280	.10220	-.27190	-.26520	7.74890	-.26520
	GRADIENT	.00066	-.00030	-.04687	-.00034	.00050	.01187	-.03499	.00404	.99496	.00404

RUN NO. 1531/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.219	-7.787	-.01350	-.00180	.39740	.00250	-.02660	-.08320	.26340	4.03400	-7.83900	4.03400
4.233	-3.881	.00720	.01380	.18580	-.01070	-.01430	-.03020	.12070	4.14510	-3.91690	4.14510
4.241	.191	.01130	.02140	.02190	-.01440	-.00590	.00940	-.00220	4.19780	.18770	4.19780
3.872	4.126	.00650	.00760	-.14320	-.01220	-.01350	.04830	-.12570	3.79710	4.14910	3.79710
3.860	7.959	-.01130	-.01010	-.36310	.00050	-.01310	.10010	-.26510	3.71060	7.99660	3.71060
	GRADIENT	-.00008	-.00076	-.04109	-.00019	.00011	.00980	-.03077	-.04314	1.00740	-.04314

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M035) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1532/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
8.216	-7.684	-.01090	-.00150	.36760	.00270	-.02560	-.07640	.24430	7.99230	-7.80860	7.99230
8.244	-3.814	.00360	.00830	.19040	-.00890	-.01550	-.03120	.12120	8.12330	-3.88410	8.12330
8.171	.204	.00860	.02130	.02320	-.01270	-.00710	.00940	-.00180	8.08920	.19640	8.08920
7.982	4.165	.00330	.00620	-.14130	-.00840	-.01310	.04720	-.12220	7.87230	4.21140	7.87230
7.966	8.027	-.00920	-.01060	-.33540	.00140	-.01480	.09810	-.25270	7.77230	8.12500	7.77230
	GRADIENT	-.00003	-.00025	-.04157	.00006	.00031	.00983	-.03050	-.03140	1.01459	-.03140

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M036) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1536/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.221	-5.922	.00430	.02470	.31000	-.00180	-.00440	-.07320	.22360	-8.19640	-5.80950	-8.19640
-8.224	-3.802	.01850	.03620	.18380	-.00650	.00760	-.03850	.13000	-8.17200	-3.72890	-8.17200
-8.073	.357	.02850	.04250	-.00940	-.01190	.01920	.00010	-.00870	-7.99890	.35540	-7.99890
-7.973	4.213	.01310	.02090	-.21310	-.00370	.00450	.05750	-.16690	-7.91500	4.14310	-7.91500
-7.788	6.243	-.00020	.00520	-.33420	.00630	-.00110	.08450	-.24810	-7.75150	6.13790	-7.75150
	GRADIENT	-.00063	-.00186	-.04948	.00033	-.00035	.01194	-.03700	.03219	.98218	.03219

RUN NO. 1537/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.284	-6.077	-.00250	.01540	.32540	.00610	-.00750	-.07600	.23090	-4.32100	-5.98150	-4.32100
-4.315	-3.948	.01350	.02820	.19780	.00040	.00250	-.04250	.14170	-4.31690	-3.88000	-4.31890
-3.995	.192	.02430	.03580	.00990	-.00770	.01460	-.00090	.00290	-3.96540	.19270	-3.96540
-3.936	4.257	.00920	.01420	-.20890	.00070	-.00030	.05470	-.16170	-3.94020	4.19030	-3.94020
-3.694	6.258	-.00420	-.00070	-.33000	.01050	-.00620	.08270	-.24330	-3.73140	6.16560	-3.73140
	GRADIENT	-.00051	-.00170	-.04955	.00003	-.00033	.01184	-.03697	.04627	.98354	.04627

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M036) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1538/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.212	-6.442	-.00680	.00800	.33660	.01200	-.01050	-.07720	.23570	-.33530	-6.37560	-.33530
-.263	-4.428	.00720	.01890	.22300	.00640	-.00380	-.04860	.15910	-.34960	-4.37230	-.34960
-.278	-.393	.02040	.03040	.02790	-.00440	.01080	-.00270	.01600	-.32820	-.36370	-.32820
-.209	3.621	.01350	.01710	-.16000	.00110	.00120	.03960	-.12270	-.28660	3.62510	-.28660
-.149	5.634	.00140	.00260	-.28160	.01110	-.00650	.06940	-.20780	-.25900	5.62760	-.25900
	GRADIENT	.00078	-.00022	-.04759	-.00066	.00062	.01096	-.03501	.00783	.99364	.00783

RUN NO. 1539/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.146	-5.695	.00190	.01070	.27100	.01120	-.01070	-.05960	.19190	3.96280	-5.74810	3.96280
4.139	-3.776	.01010	.01700	.17330	.00570	-.00330	-.03280	.12160	4.00900	-3.81970	4.00900
4.108	.197	.01670	.02600	.01440	-.00080	.00760	.00180	.00350	4.03690	.19130	4.03690
3.812	4.027	.00930	.01100	-.15750	.00470	-.00230	.03750	-.12270	3.70070	4.05300	3.70070
3.827	5.932	.00210	.00080	-.26250	.01270	-.00800	.06390	-.19540	3.67300	5.96840	3.67300
	GRADIENT	-.00009	-.00075	-.04238	-.00014	.00014	.00901	-.03130	-.03922	1.00895	-.03922

RUN NO. 1540/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.189	-5.705	.00030	.00640	.26430	.01270	-.01020	-.05740	.18820	5.99630	-5.77940	5.99630
6.107	-3.738	.00840	.01440	.16790	.00890	-.00310	-.03150	.11920	5.96380	-3.79300	5.96380
6.067	.214	.01520	.02390	.01580	.00430	.00830	.00060	.00520	5.97050	.20210	5.97050
5.895	4.110	.00750	.00930	-.14950	.00960	-.00100	.03530	-.11770	5.76590	4.14140	5.76590
5.749	5.950	.00100	-.00030	-.24140	.01370	-.00750	.05880	-.18340	5.58640	5.99920	5.58640
	GRADIENT	-.00011	-.00064	-.04044	.00009	.00027	.00851	-.03018	-.02515	1.01097	-.02515

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M037) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1541/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.126	-5.946	.02740	.04710	.31650	-.00620	.02100	-.07470	.22680	-8.10060	-5.81710	-8.10060
-8.206	-3.865	.04240	.06040	.18250	-.01030	.03800	-.03390	.12600	-8.15020	-3.78130	-8.15020
-8.124	.288	.05140	.06670	.00080	-.01600	.04950	-.00650	.00110	-8.04100	.28650	-8.04100
-7.961	4.225	.03770	.04570	-.19950	-.00790	.03380	.04750	-.15390	-7.99680	4.14530	-7.89680
-7.779	6.245	.02200	.02790	-.32730	.00230	.02000	.08610	-.24820	-7.73820	6.12560	-7.73820
	GRADIENT	-.00056	-.00179	-.04719	.00028	-.00049	.01003	-.03456	.03128	.97976	.03128

RUN NO. 1542/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.280	-6.083	.01840	.03620	.31400	.00390	.01330	-.06690	.21780	-4.32500	-5.97300	-4.32500
-4.300	-3.971	.03230	.04660	.19030	-.00060	.02560	-.03300	.13150	-4.30630	-3.89420	-4.30630
-4.022	.188	.04210	.05410	.01710	-.00870	.03850	-.00900	.01280	-3.99030	.18760	-3.99030
-3.958	4.270	.02840	.03420	-.19410	-.00310	.02120	.04490	-.14970	-3.96430	4.19160	-3.96430
-3.701	6.259	.01210	.01620	-.32430	.00770	.00870	.08580	-.24520	-3.74520	6.15160	-3.74520
	GRADIENT	-.00046	-.00149	-.04663	-.00031	-.00052	.00944	-.03410	.04160	.98110	.04160

RUN NO. 1543/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.185	-6.421	.00900	.02380	.32540	.00980	.00300	-.07010	.22510	-.33110	-6.35000	-.33110
-.247	-4.443	.01990	.03110	.21510	.00630	.01070	-.04180	.15190	-.34680	-4.38520	-.34680
-.279	-.412	.03370	.04290	.02620	-.00330	.02820	-.00030	.01450	-.33460	-.38260	-.33460
-.188	3.611	.02680	.03190	-.14680	.00120	.01820	.02930	-.11070	-.27670	3.61110	-.27670
-.095	5.641	.01500	.01610	-.26810	.00970	.00390	.00740	-.20910	-.22520	5.62950	-.22520
	GRADIENT	.00086	.00010	-.04493	-.00063	.00093	.00883	-.03260	.00870	.99281	.00870

RUN NO. 1544/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.131	-5.674	.01090	.01910	.26000	.01290	-.00070	-.05040	.18330	3.93310	-5.72530	3.93310
4.127	-3.764	.01810	.02450	.16840	.00870	.00680	-.02580	.11640	3.98430	-3.80650	3.98430
4.092	.197	.02590	.03300	.01100	.00110	.02100	.00080	.00450	4.01190	.19010	4.01190
3.821	4.022	.01850	.02090	-.15150	.00630	.00810	.03280	-.11900	3.69820	4.04610	3.69820
3.837	5.920	.00910	.00840	-.24920	.01420	-.00230	.05930	-.19070	3.67020	5.95280	3.67020
	GRADIENT	.00006	-.00045	-.04108	-.00032	.00019	.00752	-.03022	.03649	1.00865	-.03649

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8N038) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BRFF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1545/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.019	-5.962	.04450	.06570	.32530	-.00990	.04590	-.08520	.23680	-8.00400	-5.81670	-8.00400
-8.253	-3.833	.06180	.08140	.19380	-.01600	.06470	-.04530	.13880	-8.20020	-3.73460	-8.20020
-8.083	.388	.06870	.08540	-.00280	-.02130	.07320	-.00370	-.00410	-7.99750	.38540	-7.99750
-7.950	4.239	.05500	.06360	-.20490	-.01470	.05720	.05630	-.16350	-7.88630	4.14750	-7.88630
-7.798	6.265	.03880	.04540	-.33930	-.00490	.04460	.10650	-.26840	-7.76520	6.13200	-7.76520
	GRADIENT	-.00080	-.00215	-.04935	.00014	-.00088	.01254	-.03739	.03903	.97648	.03903

RUN NO. 1546/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.260	-6.107	.03560	.05400	.31950	.00010	.03360	-.08050	.23010	-4.31380	-5.98650	-4.31380
-4.310	-3.990	.05090	.06690	.19970	-.00500	.04990	-.04500	.14280	-4.31980	-3.90420	-4.31980
-4.014	.184	.05950	.07240	.01430	-.01170	.06080	-.00660	.00900	-3.97970	.18420	-3.97970
-3.978	4.288	.04790	.05390	-.19460	-.00790	.04590	.05060	-.15360	-3.98490	4.20220	-3.98490
-3.697	6.279	.03130	.03660	-.31990	.00200	.03150	.09610	-.25010	-3.74930	6.16440	-3.74930
	GRADIENT	-.00036	-.00156	-.04762	-.00035	-.00047	.01154	-.03579	.04057	.97926	.04057

RUN NO. 1547/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.132	-6.433	.02510	.04030	.32080	.00520	.01990	-.07970	.22950	-.28720	-6.35770	-.28720
-.196	-4.442	.03810	.05030	.21200	.00350	.03100	-.04530	.14960	-.30110	-4.37970	-.30110
-.211	-.415	.05100	.06090	.02780	-.00690	.04910	-.00260	.01540	-.26400	-.38560	-.26400
-.115	3.607	.04460	.04980	-.13860	-.00220	.03800	.02630	-.10360	-.20570	3.60320	-.20570
-.045	5.635	.03270	.03540	-.26360	.00580	.02550	.07380	-.20380	-.18180	5.61820	-.18180
	GRADIENT	.00081	-.00006	-.04356	-.00071	.00087	.00890	-.03146	.01185	.99185	.01185

RUN NO. 1548/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.181	-5.626	.02520	.03440	.25570	.01250	.01390	-.06000	.18660	3.97070	-5.68210	3.97070
4.132	-3.757	.03210	.03820	.15620	.00750	.02120	-.02380	.10700	3.98360	-3.80070	3.98360
4.034	.192	.03880	.04720	.01820	-.00160	.03390	-.00330	.00970	3.95400	.18640	3.95400
3.816	4.002	.03380	.03660	-.13030	.00360	.02510	.02740	-.10400	3.68640	4.02680	3.68640
3.858	5.895	.02520	.02460	-.23890	.01090	.01450	.06580	-.19010	3.67570	5.93260	3.67570
	GRADIENT	.00023	-.00019	-.03691	-.00051	.00052	.00659	-.02718	.03812	1.00882	-.03812

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M039) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1549/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.242	-6.026	.05530	.07900	.35740	-.03030	.06550	-.11890	.26990	-8.25450	-5.82140	-8.25450
-8.195	-3.873	.07360	.09480	.21520	-.03390	.08070	-.06410	.15940	-8.15350	-3.73850	-8.15350
-8.102	.374	.08380	.10090	-.00030	-.04050	.09260	.00550	-.00950	-8.01350	.37270	-8.01350
-7.957	4.263	.07010	.07840	-.22350	-.03180	.08000	.08110	-.18690	-7.90630	4.13810	-7.90630
-7.791	6.294	.05330	.06000	-.35800	-.02170	.07040	.13530	-.29240	-7.78910	6.11240	-7.78910
	GRADIENT	-.00039	-.00196	-.05387	.00023	-.00004	.01782	-.04252	.03042	.96815	.03042

RUN NO. 1550/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.272	-6.180	.05170	.07150	.34300	-.02040	.05930	-.11190	.25830	-4.38130	-6.01510	-4.38130
-4.288	-3.994	.06880	.08560	.21190	-.02570	.07380	-.06270	.15740	-4.32310	-3.88060	-4.32310
-4.012	.178	.07980	.09530	.01720	-.03210	.08650	-.00080	.00450	-3.98400	.17970	-3.98400
-3.992	4.298	.06680	.07300	-.20440	-.02700	.07250	.07240	-.17240	-4.02700	4.18160	-4.02700
-3.643	6.313	.05170	.05690	-.33030	-.01710	.06270	.12140	-.26980	-3.75320	6.15680	-3.75320
	GRADIENT	-.00024	-.00151	-.05020	-.00016	-.00015	.01629	-.03977	.03580	.97228	.03580

RUN NO. 1551/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.004	-6.471	.04700	.06360	.33060	-.01210	.05250	-.10440	.24910	-.22940	-6.38610	-.22940
-.093	-4.441	.06160	.07580	.22220	-.01660	.06440	-.06410	.16550	-.23860	-4.37400	-.23860
-.094	-.414	.07450	.08650	.03180	-.02380	.07950	-.00630	.01860	-.16460	-.38400	-.15460
.000	3.621	.06700	.07160	-.15110	-.02120	.06830	.04720	-.12080	-.12140	3.61610	-.12140
.144	5.633	.05560	.05890	-.26720	-.01220	.05800	.09140	-.21760	-.05070	5.61170	-.05070
	GRADIENT	.00067	-.00052	-.04630	-.00057	.00048	.01380	-.03613	.01454	.99106	.01454

RUN NO. 1552/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.255	-5.673	.05110	.06270	.25960	-.00990	.04710	-.07470	.19800	4.00770	-5.74090	4.00770
4.115	-3.746	.06100	.07050	.16650	-.01390	.05870	-.04180	.12410	3.94330	-3.80000	3.94330
4.019	.192	.06720	.07670	.02080	-.01860	.06880	-.00290	.00820	3.92410	.18290	3.92410
3.871	3.980	.05900	.06240	-.14070	-.01460	.05760	.04170	-.12070	3.71490	4.01350	3.71490
3.896	5.868	.05090	.05090	-.23680	-.00890	.04910	.07890	-.19850	3.67020	5.91560	3.67020
	GRADIENT	-.00025	-.00103	-.03974	-.00010	-.00012	.01080	-.03107	.02940	1.01123	-.02940

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M040) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1553/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.267	-6.032	.05780	.08350	.37230	-.03250	.07250	-.13290	.28260	-8.28290	-5.82320	-8.28290
-8.217	-3.875	.07800	.09980	.22150	-.03860	.08680	-.07130	.16430	-8.17490	-3.73830	-8.17490
-8.093	.375	.08880	.10660	-.00570	-.04490	.09890	.00750	-.01330	-8.00310	.37020	-8.00310
-7.978	4.276	.07370	.08250	-.24100	-.03490	.08620	.09300	-.20120	-7.93320	4.14170	-7.93320
-7.740	8.333	.05480	.06270	-.37950	-.02760	.07610	.15120	-.31030	-7.75140	6.13570	-7.75140
	GRADIENT	-.00048	-.00207	-.05670	.00043	-.00003	.02013	-.04480	.02981	.96681	.02981

RUN NO. 1560/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.330	-6.233	.05310	.07650	.37260	-.03380	.06090	-.12760	.27980	-4.44740	-6.06280	-4.44740
-4.174	-4.006	.07210	.09100	.23600	-.04200	.07240	-.07400	.17510	-4.21290	-3.89580	-4.21290
-3.906	.178	.08500	.09930	.01260	-.05240	.08670	.00310	-.00030	-3.88030	.17750	-3.88030
-4.001	4.455	.06880	.07470	-.23120	-.04300	.07070	.09030	-.19540	-4.04840	4.33040	-4.04840
-3.688	6.358	.05250	.05810	-.34980	-.03550	.06140	.14090	-.29120	-3.81250	6.19200	-3.81250
	GRADIENT	-.00040	-.00194	-.05522	-.00011	-.00021	.01942	-.04379	.01922	.97216	.01922

RUN NO. 1561/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.012	-6.409	.04800	.06710	.35820	-.02480	.05240	-.11770	.26680	-.21920	-6.32820	-.21920
-.075	-4.396	.06310	.07800	.25110	-.02870	.06340	-.07600	.18430	-.21980	-4.33560	-.21980
-.113	-.350	.07990	.09260	.04590	-.04030	.08060	-.00780	.02610	-.18020	-.32340	-.18020
-.030	3.704	.07370	.07910	-.15150	-.03750	.07160	.05640	-.13000	-.15280	3.69680	-.15280
.116	5.852	.06110	.06460	-.27690	-.02970	.06080	.10530	-.22830	-.08450	5.82850	-.08450
	GRADIENT	.00131	.00013	-.04970	-.00109	.00101	.01634	-.03880	.00827	.99157	.00827

RUN NO. 1562/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.246	-5.620	.05950	.07240	.26980	-.02750	.05370	-.08330	.20120	3.98940	-5.70070	3.98940
4.110	-3.696	.06950	.08140	.16660	-.03230	.06400	-.04350	.11950	3.93660	-3.75860	3.93660
3.896	.199	.07830	.08940	.01850	-.03600	.07720	.00230	.00230	3.80590	.18930	3.80590
3.839	3.937	.06750	.07140	-.14000	-.03150	.06430	.05150	-.12340	3.68120	3.97620	3.68120
3.885	5.830	.05950	.06030	-.23870	-.02470	.05630	.09160	-.20320	3.65490	5.88550	3.65490
	GRADIENT	-.00024	-.00129	-.04015	.00010	.00006	.01244	-.03181	.03346	1.01338	-.03346

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8N041) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1563/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.307	-6.109	.05980	.08940	.36070	-.04250	.06990	-.12520	.27100	-8.33630	-5.88670	-8.33630
-8.191	-3.915	.07790	.10140	.21970	-.04770	.08270	-.06940	.16190	-8.15470	-3.77810	-8.15470
-8.185	.342	.08710	.10410	-.00080	-.05290	.09400	.00560	-.00950	-8.09750	.33870	-8.09750
-8.015	4.313	.07450	.08440	-.22120	-.04830	.08060	.08710	-.18760	-7.97110	4.17710	-7.97110
-7.783	6.377	.05690	.06540	-.35200	-.04150	.07110	.14300	-.29190	-7.80030	6.17180	-7.80030
	GRADIENT	-.00038	-.00203	-.05356	-.00009	-.00022	.01900	-.04245	.02221	.96681	.02221

RUN NO. 1564/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.953	-6.221	.05780	.08380	.35200	-.03560	.06740	-.12200	.26500	-6.04140	-6.01980	-6.04140
-6.285	-4.045	.07550	.09730	.22210	-.04240	.08080	-.06930	.16390	-6.28780	-3.91070	-6.28780
-6.197	.213	.08530	.10120	.00440	-.04630	.09320	.00480	-.00710	-6.13890	.20750	-6.13890
-6.009	4.288	.07380	.08260	-.20930	-.04100	.08060	.08280	-.18030	-6.00870	4.15350	-6.00870
-5.908	6.366	.05700	.06450	-.34000	-.03690	.06910	.13790	-.28320	-5.97460	6.17190	-5.97460
	GRADIENT	-.00019	-.00174	-.05177	.00016	-.00000	.01825	-.04130	.03350	.96774	.03350

RUN NO. 1565/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.167	.206	.08430	.10080	.01910	-.04570	.08970	.00060	.00380	-4.14020	.20320	-4.14020
-4.040	4.344	.07180	.07930	-.20180	-.04150	.07550	.08010	-.17480	-4.08350	4.21980	-4.08350
-3.642	6.367	.05630	.06310	-.32810	-.03460	.06550	.13180	-.27340	-3.76720	6.19900	-3.76720
	GRADIENT	-.00302	-.00520	-.05338	.00101	-.00343	.01921	-.04316	.01370	.97059	.01370

RUN NO. 1566/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.015	-6.207	.05480	.07510	.32780	-.02730	.05850	-.10980	.24530	-.20480	-6.12950	-.20480
-.059	-4.209	.07410	.09030	.21690	-.03050	.06950	-.06600	.15970	-.19910	-4.14890	-.19910
-.077	-.329	.08350	.09760	.03650	-.03870	.08250	-.00500	.01800	-.14910	-.30240	-.14910
.039	3.838	.08750	.09330	-.16170	-.03390	.07110	.06130	-.13930	-.09140	3.82930	-.09140
.172	5.826	.09010	.09440	-.27210	-.02790	.05830	.10490	-.22690	-.03220	5.80170	-.03220
	GRADIENT	.00166	.00036	-.04705	-.00040	.00016	.01582	-.03716	.01339	.99140	.01339

1A105A, AEDC PWT-TF470, O T S WO/SILTS (T8M041) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1567/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.284	-5.563	.05740	.07160	.26770	-.02470	.05340	-.08400	.20000	4.03120	-5.64240	4.03120
4.113	-3.684	.06840	.08180	.17600	-.03030	.06390	-.04770	.12680	3.93890	-3.74790	3.93890
3.992	.196	.07580	.08730	.02290	-.03380	.07600	.00200	.00420	3.89590	.18410	3.89590
3.798	3.931	.06750	.07180	-.13920	-.03280	.06500	.05410	-.12530	3.64010	3.96650	3.64010
3.872	5.832	.05860	.06000	-.23750	-.02690	.05590	.09380	-.20570	3.64250	5.88240	3.64250
	GRADIENT	-.00011	-.00130	-.04138	-.00033	.00016	.01336	-.03309	-.03905	1.01300	-.03905

1A105A, AEDC PWT-TF470, O T S WO/SILTS (T8M042) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1568/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.238	-6.092	.05590	.08590	.36230	-.04860	.06670	-.12860	.27080	-8.27050	-5.87090	-8.27050
-8.307	-3.919	.07550	.10190	.22330	-.05190	.07930	-.07220	.16450	-8.27310	-3.77220	-8.27310
-8.140	.350	.08510	.10210	-.00250	-.05210	.09280	.00770	-.01300	-8.05710	.34820	-8.05710
-8.012	4.315	.07210	.08240	-.23000	-.04800	.07900	.09150	-.19590	-7.97380	4.17540	-7.97380
-7.758	6.417	.05350	.06240	-.35940	-.04160	.07130	.14610	-.29750	-7.77720	6.21140	-7.77720
	GRADIENT	-.00038	-.00234	-.05502	.00047	.00000	.01987	-.04374	.03653	.96517	.03653

RUN NO. 1569/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.270	-6.214	.07240	.09850	.34650	-.03900	.06110	-.12240	.26030	-4.39160	-6.04190	-4.39160
-4.309	-4.041	.07780	.09920	.21830	-.04390	.07450	-.07060	.16070	-4.35060	-3.92360	-4.35060
-4.105	.197	.08260	.09760	.01280	-.04550	.08870	.00240	-.00110	-4.07840	.19860	-4.07840
-4.026	4.355	.06950	.07740	-.21040	-.04360	.07450	.08460	-.18100	-4.06220	4.23910	-4.06220
-3.659	6.375	.05380	.06050	-.32970	-.03910	.06610	.13420	-.27230	-3.76490	6.21680	-3.76490
	GRADIENT	-.00098	-.00259	-.05105	.00003	.00001	.01848	-.04069	.03444	.97220	.03444

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M042) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1570/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.005	-6.212	.06800	.08950	.32270	-.02940	.05700	-.11100	.24100	-.20210	-6.13220	-.20210
-.047	-4.195	.07270	.09010	.21140	-.03320	.06940	-.06700	.15630	-.18040	-4.13390	-.18040
-.037	-.339	.08150	.09660	.03510	-.04120	.08130	-.00320	.01510	-.10900	-.31230	-.10900
.040	3.843	.08670	.09300	-.16020	-.03470	.07300	.06460	-.14020	-.08420	3.83330	-.08420
.148	5.821	.09020	.09560	-.27390	-.03190	.06030	.11070	-.22880	-.04230	5.79390	-.04230
	GRADIENT	.00173	.00034	-.04624	-.00016	.00041	.01637	-.03689	.01188	.99117	.01188

RUN NO. 1571/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.289	-5.563	.05660	.07160	.27410	-.02760	.05450	-.08910	.20370	4.04160	-5.63410	4.04160
4.098	-3.679	.06670	.08230	.17850	-.03170	.06480	-.05140	.12850	3.92840	-3.73590	3.92840
3.967	.211	.07420	.08510	.01630	-.03340	.07640	.00340	-.00030	3.87320	.19990	3.87320
3.789	3.935	.06620	.07110	-.14900	-.03270	.06530	.06000	-.13270	3.63730	3.96850	3.63730
3.875	5.840	.05700	.05980	-.24560	-.03040	.05600	.09940	-.21020	3.65500	5.88790	3.65500
	GRADIENT	-.00005	-.00145	-.04301	-.00013	.00009	.01463	-.03430	-.03806	1.01198	-.03806

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M043) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1573/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.262	-6.073	.05240	.08180	.35640	-.04770	.06590	-.12860	.26560	-8.28190	-5.86690	-8.28190
-8.310	-3.897	.07140	.09760	.21560	-.05180	.07630	-.07110	.15830	-8.26850	-3.76220	-8.26850
-8.124	.396	.08110	.09880	-.00790	-.05080	.09020	.00990	-.01730	-8.03460	.38720	-8.03460
-8.020	4.360	.06630	.07700	-.23340	-.04610	.07580	.09300	-.19550	-7.97100	4.22880	-7.97100
-7.810	6.432	.05080	.05960	-.35470	-.04310	.07050	.14510	-.29100	-7.80830	6.24220	-7.80830
	GRADIENT	-.00058	-.00246	-.05435	.00068	-.00002	.01986	-.04282	.03629	.96783	.03629

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M043) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1575/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.287	-6.166	.04800	.07290	.34740	-.03430	.06390	-.12580	.25960	-4.37490	-6.01040	-4.37490
-4.374	-4.036	.06550	.08730	.22180	-.04180	.07220	-.07280	.16260	-4.39430	-3.92880	-4.39430
-4.114	.232	.07850	.09320	.01370	-.04360	.08640	.00180	-.00020	-4.07570	.23140	-4.07570
-4.065	4.376	.06390	.07160	-.22270	-.04080	.07090	.09010	-.18890	-4.07700	4.26820	-4.07700
-3.699	6.409	.04740	.05350	-.34070	-.03910	.06400	.14030	-.27840	-3.76670	6.26190	-3.76670
	GRADIENT	-.00017	-.00185	-.05282	.00012	-.00014	.01936	-.04177	.03790	.97443	.03790

RUN NO. 1577/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.159	-6.360	.06600	.08780	.32820	-.02650	.05730	-.11900	.24650	-.34180	-6.27290	-.34180
-.231	-4.245	.06990	.08840	.21510	-.03300	.06640	-.07050	.16000	-.33810	-4.17740	-.33810
-.182	-.362	.07890	.09500	.03280	-.04170	.07890	-.00360	-.01490	-.23820	-.33330	-.23820
-.138	3.676	.08400	.09130	-.16450	-.03690	.06850	.06510	-.14040	-.23150	3.66580	-.23150
-.044	5.859	.08920	.09480	-.28620	-.03490	.05790	.11750	-.23520	-.19570	5.82680	-.19570
	GRADIENT	.00178	.00036	-.04793	-.00048	.00025	.01712	-.03793	.01338	.99017	.01338

RUN NO. 1578/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.254	-5.587	.05350	.07160	.27180	-.02730	.05350	-.09150	.20150	4.02200	-5.65150	4.02200
4.102	-3.647	.06200	.07790	.17520	-.03160	.06240	-.05190	.12400	3.94670	-3.69920	3.94670
3.884	.245	.07110	.08050	.01190	-.03460	.07450	.00460	-.00290	3.80190	.23340	3.80190
3.769	3.962	.06280	.06810	-.15470	-.03110	.06330	.06240	-.13460	3.63520	3.98690	3.63520
3.796	5.837	.05340	.05590	-.25110	-.03080	.05600	.10400	-.21170	3.60160	5.87230	3.60160
	GRADIENT	.00012	-.00127	-.04335	.00006	.00014	.01502	-.03398	-.04091	1.01015	-.04091

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M044) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1579/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.428	-6.030	.05020	.07940	.35360	-.04450	.06500	-.12620	.25900	-8.43520	-5.85770	-8.43520
-8.411	-3.855	.06720	.09350	.22220	-.04880	.07270	-.07350	.16190	-8.36830	-3.74380	-8.36830
-8.231	.475	.07770	.09550	-.00930	-.04760	.08670	.00880	-.01730	-8.14640	.47220	-8.14640
-8.012	4.455	.06460	.07590	-.22930	-.04530	.07430	.09360	-.19290	-7.96290	4.34200	-7.96290
-7.763	6.494	.05010	.05910	-.34240	-.04140	.07040	.14050	-.27630	-7.75330	6.33170	-7.75330
	GRADIENT	-.00027	-.00208	-.05432	.00042	.00024	.02009	-.04267	.04882	.97299	.04882

RUN NO. 1580/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.462	-6.161	.07220	.09710	.35170	-.03360	.05910	-.12510	.25640	-4.51760	-6.03550	-4.51760
-4.481	-4.016	.07660	.09810	.22970	-.04090	.06610	-.07680	.16760	-4.48040	-3.93080	-4.48040
-4.183	.312	.07470	.08930	.00520	-.03990	.08310	.00270	-.00490	-4.13640	.30980	-4.13640
-3.959	4.439	.06050	.06880	-.22450	-.04180	.06760	.09240	-.18920	-3.95210	4.35270	-3.95210
-3.646	6.504	.04520	.05160	-.33860	-.04020	.06200	.13970	-.27280	-3.68540	6.38350	-3.68540
	GRADIENT	-.00189	-.00345	-.05371	-.00010	.00021	.02000	-.04218	.06263	.97980	.06263

RUN NO. 1581/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.308	-6.308	.06770	.08760	.34200	-.02590	.05440	-.12220	.24830	-.43960	-6.23120	-.43960
-.386	-4.257	.07160	.09020	.23070	-.03270	.06070	-.07460	.16740	-.45980	-4.19610	-.45980
-.375	-.423	.08120	.09680	.03960	-.03870	.07560	-.00550	.01860	-.40990	-.39370	-.40990
-.309	3.750	.08680	.09410	-.17470	-.03590	.06330	.07210	-.14910	-.37690	3.74480	-.37690
-.228	5.739	.09130	.09610	-.28600	-.03220	.05660	.11900	-.23160	-.33990	5.71630	-.33990
	GRADIENT	.00189	.00047	-.05064	-.00038	.00028	.01833	-.03954	.01032	.99174	.01032

RUN NO. 1582/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.311	-5.444	.04930	.06480	.27910	-.02300	.05260	-.09690	.20340	4.12030	-5.50740	4.12030
4.121	-3.564	.05670	.06940	.18140	-.03030	.06010	-.05730	.12820	3.99880	-3.61340	3.99880
3.859	.328	.06650	.07640	.01840	-.03170	.07240	.00280	.00120	3.80270	.31500	3.80270
3.633	3.975	.05770	.06300	-.15760	-.03250	.05920	.06710	-.13710	3.53240	3.99720	3.53240
3.687	5.855	.05110	.05290	-.26140	-.02490	.05690	.10890	-.21380	3.53590	5.88600	3.53590
	GRADIENT	.00016	-.00082	-.04493	-.00029	-.00008	.01649	-.03516	.06174	1.00954	-.06174

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8MC15) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1619/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.240	-7.912	.06990	.09000	.42520	.01110	-.01840	-.09950	.29750	-8.23390	-7.79610	-8.23390
-8.185	-3.736	.08180	.09900	.18800	-.00290	-.00160	-.04300	.13410	-8.13630	-3.67900	-8.13630
-8.038	.306	.02070	.03580	-.01660	-.00930	.01350	.01000	-.02030	-7.97310	.30170	-7.97310
-7.727	4.279	.01000	.01830	-.21160	-.00150	.00500	.06260	-.16940	-7.67930	4.21690	-7.67930
-7.758	8.237	-.01350	-.00910	-.43230	.01120	-.00500	.11370	-.31690	-7.74160	8.12340	-7.74160
	GRADIENT	-.00898	-.01009	-.04986	.00017	.00083	.01318	-.03787	.05697	.98523	.05697

RUN NO. 1620/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.206	-8.027	-.01180	.00580	.42370	.01580	-.01080	-.09550	.29150	-4.25490	-7.92910	-4.25490
-4.308	-3.801	.01290	.02760	.19080	.00040	.00310	-.04230	.13730	-4.30070	-3.74700	-4.30070
-3.970	.188	.01970	.03190	.00340	-.00670	.01180	.00500	-.00510	-3.93890	.18630	-3.93890
-3.891	4.170	.00880	.01500	-.19920	.00000	.00260	.05820	-.15990	-3.89030	4.11240	-3.89030
-3.606	8.284	-.01570	-.01280	-.42990	.01550	-.00760	.11080	-.31170	-3.65880	8.18500	-3.65880
	GRADIENT	-.00051	-.00158	-.04892	-.00005	-.00006	.01261	-.03728	.05150	.98596	.05150

RUN NO. 1621/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.159	-8.356	-.07740	-.06250	.43680	.01800	-.00560	-.09330	.29110	-.28210	-8.28630	-.28210
-.251	-4.244	.07070	.08300	.21100	.00660	-.00630	-.04370	.14950	-.31080	-4.19490	-.31080
-.232	-.205	.07970	.08970	.02690	-.00370	.00430	.00080	.01190	-.27130	-.17630	-.27130
-.195	3.811	.08190	.08560	-.15920	.00120	-.00310	.04600	-.12730	-.25690	3.81940	-.25690
-.118	7.833	.08560	.08680	-.37960	.01810	-.01710	.09590	-.27510	-.23600	7.82320	-.23600
	GRADIENT	.00139	.00032	-.04596	-.00067	.00040	.01113	-.03436	.00669	.99487	.00669

RUN NO. 1622/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.139	-7.742	-.00650	.00410	.37450	.01880	-.01150	-.07880	.25070	3.95860	-7.79080	3.95860
4.234	-3.844	.01450	.02100	.16530	.00240	.00100	-.03030	.11610	4.14440	-3.87790	4.14440
4.149	.192	.01610	.02540	.00490	-.00340	.00860	.00730	-.00600	4.10560	.19120	4.10560
3.854	4.099	.01290	.01360	-.14970	.00170	.00230	.04230	-.12330	3.77820	4.12300	3.77820
3.907	7.946	.08720	.08670	-.36750	.01930	-.01860	.09200	-.26390	3.75410	7.98600	3.75410
	GRADIENT	-.00020	-.00092	-.03966	-.00010	.00017	.00914	-.03014	.04590	1.00729	-.04590

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M046) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
1B-ELV = 10.000 0B-ELV = 9.000

RUN NO. 1614/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.343	-5.965	.06090	.08050	.32250	.00190	-.00450	-.06960	.22460	-8.31760	-5.84900	-8.31760
-8.266	-3.837	.06750	.08550	.18490	-.00430	.00670	-.03440	.12830	-8.21410	-3.76330	-8.21410
-8.188	.339	.03390	.04760	-.00870	-.01280	.02550	.00410	-.01090	-8.11200	.33560	-8.11200
-7.993	4.256	.02030	.02810	-.20750	-.00460	.01050	.05590	-.16460	-7.93730	4.18160	-7.93730
-7.831	6.290	.00830	.01280	-.32660	.00490	.00620	.08180	-.24480	-7.79760	6.17950	-7.79760
	GRADIENT	-.00586	-.00711	-.04846	-.00006	.00051	.01114	-.03616	.03409	.98162	.03409

RUN NO. 1615/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.336	-6.111	.05760	.07420	.32460	.00920	-.00560	-.06860	.22340	-4.37400	-6.01290	-4.37400
-4.330	-3.952	.02190	.03670	.19280	.00180	.00620	-.03500	.13340	-4.33310	-3.88430	-4.33310
-4.067	.196	.02950	.04080	.00370	-.00850	.02080	.00530	-.00430	-4.03610	.19510	-4.03610
-3.933	4.275	.01650	.02190	-.20330	-.00140	.00570	.05270	-.15920	-3.94050	4.20460	-3.94050
-3.722	6.330	.00500	.00770	-.31880	.00800	.00130	.07620	-.23510	-3.76360	6.23230	-3.76360
	GRADIENT	-.00065	-.00179	-.04814	-.00039	-.00005	.01066	-.03556	.04779	.98324	.04779

RUN NO. 1616/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.146	-6.236	.05390	.06750	.31880	.01380	-.00850	-.06490	.21690	-.26700	-6.17140	-.26700
-.216	-4.130	.01590	.02710	.19450	.00610	.00260	-.03440	.13470	-.29880	-4.07650	-.29880
-.224	-.317	.06700	.07650	.01650	-.00310	.01150	.00640	.00360	-.27690	-.28760	-.27690
-.153	3.901	.06950	.07230	-.17000	.00200	.00090	.04190	-.13100	-.23780	3.90360	-.23780
-.060	5.831	.07100	.07200	-.28170	.01040	-.00670	.06480	-.20490	-.17870	5.82310	-.17870
	GRADIENT	.00657	.00551	-.04537	-.00048	-.00025	.00948	-.03306	.00763	.99370	.00763

RUN NO. 1617/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.112	-5.654	.01030	.01850	.25870	.01040	-.00280	-.04900	.17790	3.92920	-5.70490	3.92920
4.152	-3.747	.01790	.02440	.15640	.00390	.00170	-.02330	.10730	4.02410	-3.78780	4.02410
4.104	.201	.02100	.02960	.00850	-.00240	.01220	.00750	-.00380	4.03220	.19830	4.03220
3.755	3.998	.07070	.07200	-.15050	.00660	.00030	.03380	-.11780	3.6405	4.02510	3.64050
3.690	5.851	.07150	.06970	-.24710	.01280	-.00530	.05570	-.18290	3.53700	5.88530	3.53700
	GRADIENT	.00678	.00611	-.03961	.00034	-.00016	.00738	-.02906	-.04919	1.00873	-.04919

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M046) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1618/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.137	-5.675	.00910	.01450	.24820	.01230	-.00210	.04770	.17320	5.94990	-5.74530	5.94990
6.030	-3.703	.01660	.02250	.14990	.00760	.00310	-.02210	.10390	5.89120	-3.75210	5.89120
6.019	.211	.01980	.02830	.00910	.00210	.01380	.00590	-.00270	5.92150	.20130	5.92150
5.844	4.071	.07030	.07110	-.14360	.00900	-.00010	.03140	-.11320	5.71500	4.10140	5.71500
5.709	5.917	.07090	.06890	-.23420	.01350	-.00580	.05170	-.17590	5.54570	5.96340	5.54570
	GRADIENT	.00689	.00624	-.03775	.00018	-.00040	.00688	-.02793	-.02260	1.01025	-.02260

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M047) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1588/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.310	-6.000	.03380	.05310	.31940	-.00870	.02180	-.07400	.22770	-8.28760	-5.86210	-8.28760
-8.257	-3.857	.04290	.06140	.18310	-.01340	.03290	-.03810	.13300	-8.20370	-3.76650	-8.20370
-8.202	.340	.04900	.06390	-.02180	-.02050	.04150	.01390	-.02330	-8.11700	.33850	-8.11700
-8.003	4.262	.03870	.04630	-.20720	-.01350	.03020	.05180	-.16130	-7.93770	4.18020	-7.93770
-7.868	6.301	.02870	.03360	-.31670	-.00560	.02530	.06950	-.22850	-7.82240	6.17940	-7.82240
	GRADIENT	-.00049	-.00183	-.04808	-.00003	-.00030	.01109	-.03626	.03262	.97865	.03262

RUN NO. 1589/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.271	-6.105	.05360	.07010	.30080	.00070	.01640	-.05360	.20040	-4.31880	-5.99210	-4.31880
-4.341	-3.998	.06400	.07930	.19620	-.00390	.01990	-.04220	.14300	-4.35100	-3.91740	-4.35100
-4.088	.193	.04160	.05330	-.00130	-.01300	.03300	.00370	-.00430	-4.05330	.19160	-4.05330
-3.967	4.281	.02930	.03470	-.20170	-.00820	.01770	.04880	-.15700	-3.97230	4.20080	-3.97230
-3.753	6.346	.02220	.02570	-.30300	-.00050	.01750	.05940	-.21130	-3.79250	6.23370	-3.79250
	GRADIENT	-.00420	-.00539	-.04806	-.00053	-.00025	.01099	-.03623	.04585	.98054	.04585

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M047) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1590/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.117	-6.491	.05440	.06810	.31220	.00560	.00370	-.05570	.20680	-.26900	-6.41990	-.26900
-.191	-4.145	.05680	.06770	.19400	.00180	.00900	-.03910	.14080	-.29100	-4.09000	-.29100
-.213	-.312	.06550	.07410	.01560	-.00610	.02260	.00350	.00810	-.27150	-.28290	-.27150
-.159	3.697	.06800	.07240	-.15550	-.00300	.01160	.03620	-.12110	-.25190	3.69700	-.25190
-.059	5.872	.06890	.06940	-.26850	.00440	.00280	.05580	-.19140	-.19650	5.85760	-.19650
	GRADIENT	.00142	.00059	-.04455	-.00060	.00031	.00959	-.03339	.00499	.99298	.00499

RUN NO. 1591/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.240	-5.722	.01740	.02520	.24760	.00900	.00330	-.04610	.17510	4.04070	-5.77220	4.04070
4.161	-3.737	.02220	.02820	.15510	.00420	.00870	-.02300	.10980	4.02060	-3.77860	4.02060
4.069	.201	.02750	.03390	.00250	-.00440	.01970	.00510	-.00210	3.98850	.19680	3.98850
3.745	3.947	.02750	.02960	-.15030	.00220	.00880	.03160	-.11700	3.62260	3.97090	3.62260
3.820	5.883	.02670	.02540	-.23850	.00840	.00510	.04630	-.17440	3.65030	5.91380	3.65030
	GRADIENT	.00070	.00019	-.03974	-.00028	.00004	.00711	-.02951	-.05142	1.00853	-.05142

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M048) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1592/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.094	-6.112	.04820	.06870	.33650	-.01350	.04780	-.08660	.24410	-8.08230	-5.96080	-8.08230
-8.246	-3.885	.06250	.08160	.19840	-.01950	.06050	-.04670	.14400	-8.19420	-3.78620	-8.19420
-8.212	.298	.06980	.08680	-.00940	-.02650	.07120	.00660	-.01260	-8.12490	.29680	-8.12490
-7.743	4.325	.05710	.06490	-.20980	-.02060	.05560	.05680	-.16570	-7.68220	4.23300	-7.68220
-7.936	6.324	.04590	.05170	-.34260	-.01460	.05100	.10320	-.26760	-7.90260	6.18190	-7.90260
	GRADIENT	-.00064	-.00201	-.04972	-.00014	-.00058	.01261	-.03772	.06207	.97678	.06207

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M048) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1593/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.268	-6.134	.03980	.05760	.32090	-.00400	.03420	-.07840	.22930	-4.32190	-6.01330	-4.32190
-4.334	-4.011	.07060	.08710	.20210	-.00980	.04660	-.04720	.14710	-4.34500	-3.92510	-4.34500
-4.100	.190	.06310	.07610	.00460	-.01820	.06280	.00060	.00050	-4.06440	.18870	-4.06440
-3.974	4.296	.04970	.05540	-.20280	-.01330	.04490	.05070	-.15730	-3.98080	4.20950	-3.98080
-3.742	6.349	.03490	.03930	-.32440	-.00490	.03290	.09040	-.24840	-3.79210	6.22960	-3.79210
	GRADIENT	-.00251	-.00381	-.04873	-.00043	-.00019	.01178	-.03664	.04393	.97921	.04393

RUN NO. 1594/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.068	-6.221	.05660	.07100	.30860	.00440	.01840	-.07350	.21930	-.22050	-6.14840	-.22050
-.142	-4.175	.06220	.07460	.19700	-.00190	.03120	-.04480	.14310	-.24300	-4.11720	-.24300
-.160	-.325	.07130	.08070	.01950	-.01310	.04480	.00030	.01030	-.21510	-.29690	-.21510
-.094	3.674	.07340	.07800	-.15160	-.00720	.03440	.03710	-.11880	-.18630	3.67070	-.18630
.016	5.891	.07430	.07630	-.27690	.00090	.02000	.07150	-.20790	-.12780	5.87280	-.12780
	GRADIENT	.00142	.00043	-.04440	-.00066	.00039	.01043	-.03336	.00722	.99217	.00722

RUN NO. 1595/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.168	-5.644	.02870	.03830	.24840	.00880	.01500	-.05970	.18420	3.95930	-5.69860	3.95930
4.140	-3.721	.03300	.03920	.15430	.00300	.02120	-.03360	.11490	3.99500	-3.76390	3.99500
3.995	.200	.03980	.04760	.00430	-.00620	.03180	.00390	-.00160	3.91460	.19650	3.91460
3.783	3.971	.03430	.03680	-.13930	-.00080	.02330	.03330	-.11240	3.65530	3.99480	3.65530
3.844	5.873	.02750	.02660	-.23890	.00590	.01590	.06260	-.18780	3.66430	5.91020	3.66430
	GRADIENT	.00018	-.00030	-.03817	-.00051	.00029	.00870	-.02955	-.04401	1.00876	-.04401

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M049) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1596/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.253	-6.059	.05770	.08150	.35590	- 02940	.06920	-.11920	.27130	-8.26860	-5.85460	-8.26860
-8.285	-3.918	.07490	.09480	.21890	-.03500	.08170	-.06820	.16650	-8.24470	-3.77990	-8.24470
-8.206	.341	.08510	.10240	-.00550	-.04600	.09370	.00560	-.00970	-8.11560	.34050	-8.11560
-7.985	4.303	.07200	.07910	-.23140	-.03780	.08150	.08240	-.19090	-7.93410	4.17560	-7.93410
-7.819	6.370	.05620	.06250	-.36570	-.03000	.07370	.13510	-.29540	-7.81780	6.17870	-7.81780
	GRADIENT	-.00032	-.00186	-.05475	-.00037	.00001	.01831	-.04345	.03769	.96765	.03769

RUN NO. 1597/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.184	-6.146	.07080	.09160	.34150	-.01970	.06240	-.11120	.25790	-4.29550	-5.98190	-4.29550
-4.355	-4.052	.07670	.09310	.21750	-.02680	.07350	-.06570	.16440	-4.39120	-3.93580	-4.39120
-4.085	.183	.08050	.09540	.01170	-.03650	.08690	.00040	.00330	-4.05630	.18440	-4.05630
-4.008	4.322	.06860	.07360	-.20810	-.03200	.07390	.07220	-.17310	-4.04220	4.20410	-4.04220
-3.664	6.373	.05420	.05890	-.33430	-.02300	.06440	.11940	-.27030	-3.77210	6.21110	-3.77210
	GRADIENT	-.00096	-.00232	-.05082	-.00063	.00006	.01646	-.04030	.04182	.97207	.04182

RUN NO. 1598/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.067	-6.212	.06590	.08230	.31480	-.01360	.05380	-.09650	.23700	-.14780	-6.13190	-.14780
-.040	-4.189	.07050	.08390	.20450	-.01930	.06440	-.05650	.15290	-.17650	-4.12630	-.17650
-.034	-.327	.08020	.09150	.02410	-.02860	.07840	-.00220	.01340	-.10700	-.29800	-.10700
.041	3.848	.08300	.08680	-.16730	-.02360	.06620	.05190	-.13640	-.08790	3.84160	-.08790
.203	5.823	.08710	.08930	-.28260	-.01760	.05700	.09590	-.22760	-.00080	5.80220	-.00080
	GRADIENT	.00154	.00034	-.04625	-.00051	00018	.01348	-.03509	.01094	.99135	.01094

RUN NO. 1599/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.099	-5.594	.05470	.06610	.25190	-.01270	.04970	-.07190	.19370	3.85730	-5.65720	3.85730
4.130	-3.699	.06240	.07240	.15820	-.01890	.05870	-.03820	.11960	3.96060	-3.75150	3.96060
4.088	.196	.06780	.07740	.01450	-.02450	.06810	.00170	.00340	3.99180	.18770	3.99180
3.738	3.934	.06150	.06430	-.14500	-.01990	.05960	.04280	-.12270	3.58590	3.96400	3.58590
3.852	5.830	.05430	.05390	-.23890	-.01370	.05070	.07760	-.18840	3.63080	5.87530	3.63080
	GRADIENT	-.00011	-.00104	-.03970	-.00014	.00013	.01061	-.03172	.04868	1.01080	-.04868

IA105A, AEDC PWT-TF470, O T S W/SILTS (T8M050) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1600/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	C/VU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.176	-6.122	.05890	.08480	.37910	-.03340	.07670	-.13610	.29040	-8.19860	-5.90970	-8.19860
-8.311	-3.922	.07930	.10110	.22600	-.04080	.08750	-.07470	.17260	-8.26850	-3.78220	-8.26850
-8.183	.343	.08950	.10700	-.01050	-.05040	.09940	.00770	-.01400	-8.09070	.34060	-8.09070
-8.029	4.314	.07500	.08280	-.24870	-.04220	.08740	.09440	-.20500	-7.98090	4.18040	-7.98090
-7.781	6.381	.05810	.06570	-.38530	-.03630	.08030	.15030	-.31240	-7.79130	6.18060	-7.79130
	GRADIENT	-.00049	-.00218	-.05761	-.00020	.00002	.02052	-.04582	.03500	.96685	.03500

RUN NO. 1602/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.174	-6.179	.07220	.09460	.36390	-.02050	.07020	-.12760	.27680	-4.29510	-6.01280	-4.29510
-4.379	-4.037	.07760	.09580	.23210	-.02940	.08140	-.07640	.17660	-4.41550	-3.92240	-4.41550
-4.103	.185	.08760	.10350	.00720	-.04090	.09670	.00180	-.00070	-4.07370	.18420	-4.07370
-4.031	4.326	.07270	.07880	-.23270	-.03520	.08130	.08830	-.19400	-4.07450	4.20460	-4.07450
-3.635	6.387	.05650	.06210	-.35760	-.02770	.07200	.13740	-.29100	-3.75910	6.22020	-3.75910
	GRADIENT	-.00058	-.00202	-.05557	-.00070	-.00000	.01969	-.04430	.04090	.97174	.04090

RUN NO. 1603/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.067	-6.218	.06680	.08480	.33970	-.01610	.06070	-.11450	.25830	-.15600	-6.14130	-.15600
-.029	-4.166	.07100	.09520	.23050	-.02160	.07040	-.07140	.17400	-.16710	-4.10820	-.16710
-.064	-.340	.08180	.09430	.03310	-.03340	.08780	-.00600	.02090	-.13350	-.31220	-.13350
.028	3.866	.08630	.09110	-.16580	-.02900	.07770	.05770	-.13640	-.10070	3.85890	-.10070
.139	5.824	.09010	.09420	-.28530	-.02310	.06750	.10400	-.23000	-.06350	5.80190	-.06350
	GRADIENT	.00189	.00071	-.04930	-.00089	.00085	.01606	-.03862	.00826	.99187	.00826

RUN NO. 1604/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.108	-5.596	.06260	.07480	.25170	-.01860	.06110	-.07920	.19260	3.85760	-5.66840	3.85760
4.150	-3.692	.07240	.08400	.15990	-.02520	.07130	-.04490	.11940	3.97610	-3.75370	3.97610
4.070	.193	.07830	.08960	.01010	-.02950	.08200	.00250	-.00020	3.97590	.18530	3.97590
3.761	3.932	.08490	.08880	-.14710	-.02540	.07030	.05010	-.12430	3.60310	3.97190	3.60310
3.844	5.831	.08690	.08790	-.24730	-.01830	.06030	.08980	-.20560	3.61530	5.88510	3.61530
	GRADIENT	.00164	.00063	-.04025	-.00003	-.00011	.01246	-.03202	-.04860	1.01316	-.04860

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (T8M051) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1605/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.237	-6.085	.06050	.08840	.35570	-.03710	.07540	-.12750	.27220	-8.27190	-5.86020	-8.27190
-8.246	-3.928	.08100	.10390	.21770	-.04150	.08520	-.07240	.16600	-8.21240	-3.78560	-8.21240
-8.235	.340	.08720	.10490	-.00380	-.04770	.09800	.00540	-.00870	-8.14780	.33660	-8.14780
-8.011	4.316	.07590	.08570	-.22460	-.04320	.08760	.08520	-.18580	-7.96690	4.18090	-7.96690
-7.828	6.401	.05930	.06820	-.35750	-.03830	.07970	.14040	-.29120	-7.84750	6.18910	-7.84750
	GRADIENT	-.00059	-.00218	-.05363	-.00022	.00032	.01911	-.04265	.02960	.96631	.02960

RUN NO. 1606/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.204	-6.193	.07180	.09570	.34010	-.02650	.07050	-.12120	.26150	-4.33460	-6.01860	-4.33460
-4.314	-4.051	.07700	.09650	.21650	-.03210	.08110	-.07180	.16540	-4.36280	-3.93010	-4.36280
-4.101	.186	.08390	.10050	.01100	-.04020	.09290	.00050	.00250	-4.07670	.18480	-4.07670
-4.012	4.351	.07290	.08020	-.20980	-.03880	.08090	.08020	-.17700	-4.05650	4.22820	-4.05650
-3.646	6.371	.05880	.06600	-.33510	-.03200	.07400	.13090	-.27520	-3.77030	6.20290	-3.77030
	GRADIENT	-.00048	-.00193	-.05073	-.00080	-.00002	.01809	-.04075	.03654	.97101	.03654

RUN NO. 1607/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.073	-6.220	.06750	.08740	.32430	-.01960	.06430	-.11350	.24960	-.14820	-6.14250	-.14820
-.012	-4.191	.07150	.08710	.20990	-.02470	.07390	-.06590	.15960	-.15230	-4.13100	-.15230
-.024	-.366	.08070	.09440	.03220	-.03730	.08510	-.00400	.01710	-.09920	-.33730	-.09920
.055	3.680	.08520	.09070	-.15940	-.03090	.07740	.05820	-.13420	-.07300	3.67340	-.07300
.191	5.882	.08850	.09310	-.28310	-.02440	.06490	.10530	-.23110	-.01510	5.85820	-.01510
	GRADIENT	.00173	.00044	-.04693	-.00077	.00042	.01576	-.03733	.01004	.99158	.01004

RUN NO. 1608/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.207	-5.619	.05930	.07330	.26500	-.01840	.05960	-.08700	.20420	3.95080	-5.69820	3.95080
4.152	-3.690	.06900	.08240	.16770	-.02410	.06860	-.04860	.12690	3.97760	-3.75150	3.97760
4.015	.200	.07550	.08680	.01320	-.02890	.07950	.00190	.00260	3.91740	.19090	3.91740
3.798	3.923	.08350	.08800	-.15080	-.02760	.06770	.05370	-.12910	3.63810	3.96020	3.63810
3.880	5.833	.08530	.08690	-.24960	-.02210	.05690	.09320	-.20930	3.65070	5.88450	3.65070
	GRADIENT	.00190	.00074	-.04182	-.00047	-.00010	.01343	-.03361	.04437	1.01292	-.04437

1A105A, AEDC PWT-TF470, O T S W/SILTS (T8M052) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1609/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.225	-6.081	.07460	.10370	.36330	-.04400	.07250	-.13370	.27820	-8.25910	-5.85710	-8.25910
-8.295	-3.927	.07820	.10360	.22010	-.04600	.08090	-.07430	.16820	-8.26150	-3.77790	-8.26150
-8.176	.349	.08380	.10070	-.00680	-.04830	.09460	.00770	-.01260	-8.09310	.34830	-8.09310
-8.009	4.314	.07160	.08180	-.23520	-.04420	.08300	.09100	-.19550	-7.97030	4.17600	-7.97030
-7.808	6.402	.05490	.06380	-.36260	-.04220	.07640	.14450	-.29720	-7.82330	6.19780	-7.82330
	GRADIENT	-.00077	-.00262	-.05522	.00021	.00029	.02005	-.04411	.03539	.96515	.03539

RUN NO. 1610/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.218	-6.193	.07050	.09570	.33900	-.03180	.06900	-.12340	.26040	-4.33950	-6.02230	-4.33950
-4.336	-4.035	.07490	.09620	.21490	-.03750	.07830	-.07250	.16390	-4.37680	-3.91720	-4.37680
-4.091	.198	.08090	.09600	.00640	-.04280	.08950	.00310	-.00250	-4.06620	.20090	-4.06620
-3.999	4.326	.06980	.07790	-.21650	-.04120	.07870	.08430	-.18160	-4.03530	4.21250	-4.03530
-3.682	6.402	.05450	.06120	-.33860	-.03820	.07060	.13430	-.27550	-3.78880	6.24310	-3.78880
	GRADIENT	-.00060	-.00218	-.05158	-.00045	.00006	.01875	-.04131	.04098	.97227	.04098

RUN NO. 1611/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.086	-6.226	.06620	.08700	.31920	-.02350	.06380	-.11380	.24480	-.12400	-6.14820	-.12400
.001	-4.182	.06990	.08660	.20500	-.02780	.07280	-.06750	.15720	-.13340	-4.12200	-.13340
.007	-.333	.07900	.09400	.02690	-.03590	.08540	-.00320	.01430	-.06720	-.30550	-.05720
.063	3.836	.08440	.09070	-.16920	-.03130	.07730	.06440	-.14170	-.06080	3.82700	-.06080
.169	5.826	.08760	.09290	-.28080	-.02870	.06450	.10920	-.22920	-.02250	5.80060	-.02250
	GRADIENT	.00180	.00049	-.04667	-.00042	.00053	.01645	-.03728	.00895	.99137	.00895

RUN NO. 1612/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.147	-5.584	.05850	.07370	.26850	-.02160	.06060	-.09130	.20600	3.90070	-5.65060	3.90070
4.135	-3.685	.06710	.08270	.16910	-.02630	.06820	-.05070	.12690	3.96490	-3.74060	3.96490
4.072	.209	.07350	.08450	.00850	-.02940	.07900	.00290	-.00130	3.97670	.20060	3.97670
3.757	3.937	.06700	.07170	-.15910	-.02950	.06910	.05950	-.13500	3.60430	3.97230	3.60430
3.846	5.834	.05770	.06070	-.25910	-.02610	.06000	.09980	-.21480	3.62540	5.88160	3.62540
	GRADIENT	-.00000	-.00143	-.04305	-.00042	.00014	.01445	-.03435	.04694	1.01193	-.04694

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M053) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2049/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.242	-7.886	-.01150	.00950	.39110	.00060	-.00560	-.09000	.27240	-8.22950	-7.77490	-8.22950
-8.063	-3.828	.01050	.02850	.17600	-.00720	.00460	-.03750	.12210	-8.01260	-3.77390	-8.01260
-8.093	.346	.01830	.03340	-.03230	-.01050	.01120	.01700	-.03540	-8.02720	.33660	-8.02720
-7.597	4.207	.00680	.01540	-.21340	-.00410	.00090	.06260	-.17120	-7.55260	4.14320	-7.55260
-7.574	8.075	-.01640	-.01160	-.42680	.00580	-.01180	.11190	-.31210	-7.56360	7.96040	-7.56360
	GRADIENT	-.00043	-.00159	-.04848	.00037	-.00043	.01246	-.03652	.05643	.98521	.05643

RUN NO. 2050/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-3.933	-8.031	-.01420	.00360	.39500	.01120	-.00490	-.09070	.27230	-3.98000	-7.93500	-3.98000
-4.122	-3.897	.00820	.02240	.18180	-.00030	.00290	-.03830	.12780	-4.11560	-3.84290	-4.11560
-3.941	.188	.01680	.02910	-.01080	-.00740	.00940	.01000	-.01800	-3.91040	.18420	-3.91040
-3.848	4.134	.00590	.01150	-.20350	-.00180	-.00150	.05790	-.16190	-3.84980	4.07500	-3.84980
-3.769	8.144	-.01810	-.01530	-.42440	.00990	-.01310	.10820	-.30670	-3.82180	8.04480	-3.82180
	GRADIENT	-.00027	-.00134	-.04797	-.00020	-.00054	.01198	-.03607	.03320	.98597	.03320

RUN NO. 2051/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.104	-8.146	-.01530	-.00080	.39650	.01730	-.00830	-.09010	.27140	-.21790	-8.07770	-.21790
-.238	-4.288	.00450	.01570	.19940	.00380	-.00090	-.04140	.14010	-.29440	-4.23720	-.29440
-.220	-.027	.01550	.02590	.00420	-.00460	.00830	.00670	-.00550	-.25930	.00160	-.25930
-.171	3.800	.00960	.01350	-.16690	-.00160	-.00060	.04660	-.13190	-.23550	3.80890	-.23550
-.067	7.819	-.01210	-.01050	-.38650	.01070	-.01390	.09590	-.27590	-.19380	7.81000	-.19380
	GRADIENT	.00067	-.00022	-.04530	-.00069	.00008	.01089	-.03664	.00730	.99489	.00730

RUN NO. 2052/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.489	-7.688	-.00890	.00140	.35710	.01930	-.01130	-.08010	.24510	4.30830	-7.73810	4.30830
4.211	-3.851	.00960	.01550	.15710	.00260	-.00010	-.02950	.10840	4.12630	-3.88030	4.12630
4.181	.187	.01290	.02290	-.00310	-.00370	.00570	.00830	-.01180	4.13530	.19000	4.13530
3.871	4.123	.00880	.00940	-.15950	-.00180	-.00320	.04320	-.12860	3.79080	4.15140	3.79080
3.881	7.978	-.01190	-.01210	-.37040	.01240	-.01420	.09070	-.26320	3.71970	8.02190	3.71970
	GRADIENT	-.00010	-.00075	-.03970	-.00056	-.00038	.00912	-.02972	.04188	1.00726	-.04188

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M053) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2053/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
8.218	-7.805	-.00930	-.00090	.34020	.02170	-.01150	-.07680	.23470	7.99810	-7.92110	7.99810
8.196	-3.801	.00580	.01080	.15620	.00380	-.00170	-.03040	.10600	8.07910	-3.85770	8.07910
7.858	.139	.01030	.02240	-.00390	-.00170	.00480	.00790	-.01150	7.77750	.14320	7.77750
8.175	4.139	.00530	.00710	-.15480	.00070	-.00450	.04030	-.12250	6.05700	4.19800	8.05700
7.969	8.038	-.00960	-.01200	-.34530	.01130	-.01420	.08720	-.24920	7.76380	8.14680	7.76380
	GRADIENT	-.00007	-.00047	-.03916	-.00039	-.00036	.00890	-.02877	-.00260	1.01449	-.00260

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M054) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2044/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.324	-5.919	.01020	.03010	.29220	-.00360	.00400	-.06050	.20590	-8.29480	-5.80540	-8.29480
-8.322	-3.856	.02260	.04000	.17050	-.00880	.01360	-.02670	.11570	-8.26730	-3.78340	-8.26730
-8.237	.362	.03160	.04480	-.02330	-.01310	.02360	.01150	-.02380	-8.16110	.35510	-8.16110
-7.973	4.230	.01560	.02430	-.21770	-.00600	.00850	.06110	-.17150	-7.91990	4.15090	-7.91990
-7.718	6.219	.00360	.00890	-.33300	.00170	.00000	.08650	-.24850	-7.69110	6.10400	-7.69110
	GRADIENT	-.00070	-.00190	-.04797	.00033	-.00059	.01083	-.03548	.04269	.98118	.04269

RUN NO. 2045/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.248	-6.085	.00460	.02170	.30380	.00550	.00290	-.06330	.21040	-4.28270	-5.98700	-4.28270
-4.421	-4.047	.01760	.03200	.18370	-.00050	.00860	-.03030	.12660	-4.42130	-3.97800	-4.42130
-4.058	.198	.02660	.03800	-.00990	-.00860	.01870	.01440	-.01790	-4.02750	.19530	-4.02750
-3.894	4.232	.01290	.01770	-.21100	-.00250	.00340	.05760	-.16470	-3.90470	4.16110	-3.90470
-3.633	6.190	-.00080	.00190	-.33230	.00620	-.00590	.08420	-.24500	-3.67920	6.09200	-3.67920
	GRADIENT	-.00054	-.00170	-.04765	-.00026	-.00060	.01062	-.03517	.06266	.98305	.06266

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M054) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2046/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.113	-6.239	.00060	.01450	.30570	.01060	-.00140	-.06370	.20970	-.23110	-6.17180	-.23110
-.206	-4.377	.01160	.02220	.20350	.00490	.00250	-.03550	.14010	-.28990	-4.32000	-.28990
-.209	-.126	.02240	.03230	-.00080	-.00480	.01460	.01320	-.01020	-.26200	-.09680	-.26200
-.139	3.638	.01600	.01880	-.16640	-.00070	.00440	.04420	-.12990	-.22470	3.64310	-.22470
-.037	5.702	.00360	.00440	-.28830	.00680	-.00650	.07090	-.21130	-.16160	5.69740	-.16160
	GRADIENT	.00059	-.00036	-.04619	-.00073	.00029	.00998	-.03372	.00810	.99352	.00810

RUN NO. 2047/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.190	-5.718	.00540	.01340	.25410	.01120	-.00350	-.05220	.17770	4.00970	-5.76690	4.00970
3.866	-3.712	.01410	.02020	.14540	.00240	.00250	-.01900	.09680	3.74560	-3.74560	3.74560
4.105	.196	.01840	.02710	-.00370	-.00380	.01080	.01400	-.01450	4.03410	.19800	4.03410
3.787	4.025	.01170	.01300	-.16060	.00010	-.00040	.04010	-.12700	3.66800	4.05770	3.66800
4.041	6.026	.00340	.00140	-.26930	.00710	-.00900	.06440	-.19900	3.87720	6.06920	3.87720
	GRADIENT	-.00031	-.00092	-.03955	-.00030	-.00037	.00764	-.02892	-.00974	1.00858	-.00974

RUN NO. 2048/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.175	-5.705	.00390	.00920	.23990	.01000	-.00430	-.04890	.16950	5.98890	-5.77030	5.98890
6.078	-3.742	.01150	.01700	.14960	.00530	.00140	-.02210	.10190	5.94120	-3.78640	5.94120
6.029	.206	.01680	.02470	-.00020	.00100	.01140	.01170	-.01160	5.93100	.20340	5.93100
5.630	4.012	.01010	.01190	-.15200	.00460	.00070	.03700	-.12090	5.49990	4.04920	5.49990
5.861	5.977	.00250	.00050	-.24850	.00900	-.00800	.05890	-.18690	5.69070	6.02720	5.69070
	GRADIENT	-.00017	-.00064	-.03889	-.00010	-.00007	.00763	-.02873	-.05657	1.01041	-.05657

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M055) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2039/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.306	-5.942	.02880	.04800	.29880	-.00740	.02280	-.06510	.21470	-8.27480	-5.81250	-8.27480
-8.284	-3.871	.04070	.05860	.17640	-.01230	.03430	-.02930	.12390	-8.22490	-3.78720	-8.22490
-8.270	.360	.04920	.06420	-.01720	-.01750	.04540	.00220	-.01050	-8.18530	.35310	-8.18530
-7.957	4.248	.03610	.04500	-.21040	-.01080	.03020	.05610	-.16160	-7.89640	4.15970	-7.89640
-7.731	6.217	.02140	.02730	-.33850	-.00340	.01620	.09490	-.25540	-7.69660	6.08820	-7.69660
	GRADIENT	-.00053	-.00163	-.04761	.00016	-.00046	.01047	-.03511	.04000	.97880	.04000

RUN NO. 2041/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.026	-6.242	.01880	.03600	.30960	.00560	.01770	-.06260	.21260	-4.07700	-6.12990	-4.07700
-4.450	-4.067	.03110	.04530	.18510	-.00010	.02420	-.03040	.13030	-4.45300	-3.98790	-4.45300
-4.041	.192	.04060	.05190	-.00120	-.00870	.03560	.00150	-.00150	-4.00790	.18930	-4.00790
-3.939	4.262	.02670	.03330	-.20780	-.00530	.01820	.05440	-.15930	-3.94970	4.17870	-3.94970
-3.627	6.204	.01200	.01570	-.33140	.00390	.00470	.09220	-.24940	-3.68060	6.09150	-3.68060
	GRADIENT	-.00051	-.00142	-.04715	-.00064	-.00069	.01016	-.03474	.06077	.98055	.06077

RUN NO. 2042/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.145	-6.387	.01350	.02760	.29960	.00930	.01030	-.05790	.20360	-.28710	-6.31420	-.28710
-.174	-4.385	.01990	.02990	.19610	.00620	.01110	-.03130	.13560	-.27330	-4.32490	-.27330
-.219	-.168	.03170	.04100	.00310	-.00270	.02590	.00740	-.00140	-.27550	-.13840	-.27550
-.131	3.663	.02420	.02960	-.16200	-.00030	.01450	.03880	-.12330	-.22970	3.66500	-.22970
-.033	5.711	.01260	.01430	-.28640	.00550	-.00080	.07730	-.21500	-.18080	5.70170	-.18080
	GRADIENT	.00057	.00001	-.04452	-.00083	.00047	.00872	-.03214	.00532	.99279	.00532

RUN NO. 2043/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.264	-5.706	.01300	.02020	.23940	.00950	.00350	-.04470	.16840	4.07340	-5.75140	4.07340
3.857	-3.699	.01880	.02460	.14530	.00590	.00760	-.01670	.09740	3.72480	-3.73180	3.72480
4.037	.191	.02380	.03110	-.00090	-.00140	.01790	.00920	-.00710	3.95870	.19260	3.95870
3.803	4.000	.01690	.01960	-.16390	.00230	.00560	.04140	-.12940	3.67250	4.03330	3.67250
4.065	6.012	.00750	.00650	-.26340	.00880	-.00590	.06560	-.19960	3.88350	6.05470	3.88350
	GRADIENT	-.00024	-.00064	-.04015	-.00047	-.00025	.00764	-.02945	-.00656	1.00859	-.00656

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M056) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2027/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.147	-6.016	.04460	.06550	.31230	-.01350	.04470	-.07820	.22930	-8.12470	-5.87370	-8.12470
-8.365	-3.889	.06010	.07920	.18920	-.01970	.06130	-.04270	.13910	-8.30790	-3.79250	-8.30790
-8.224	.354	.06780	.08410	-.01380	-.02490	.07130	.00240	-.00990	-8.13690	.34910	-8.13690
-7.976	4.238	.05540	.06510	-.21040	-.01950	.05640	.05970	-.16480	-7.91300	4.14460	-7.91300
-7.757	6.243	.04020	.04730	-.33830	-.01230	.04250	.10290	-.26070	-7.72520	6.10540	-7.72520
	GRADIENT	-.00054	-.00169	-.04915	.00001	-.00056	.01257	-.03736	.04847	.97668	.04847

RUN NO. 2028/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.262	-6.120	.03600	.05420	.30600	-.00160	.03370	-.07190	.22080	-4.31030	-5.99990	-4.31030
-4.433	-4.086	.04950	.06540	.19830	-.00740	.04760	-.04320	.14510	-4.43790	-3.99920	-4.43790
-4.072	.188	.05830	.07130	.00360	-.01600	.05860	-.00130	.00290	-4.03520	.18630	-4.03520
-3.955	4.263	.04710	.05470	-.20420	-.01290	.04390	.05600	-.15790	-3.96520	4.17450	-3.96520
-3.643	6.230	.03180	.03700	-.32270	-.00540	.02840	.09580	-.24680	-3.69870	6.11000	-3.69870
	GRADIENT	-.00027	-.00126	-.04819	-.00067	-.00042	.01187	-.03627	.05693	.97905	.05693

RUN NO. 2029/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.092	-6.391	.02680	.04130	.30180	.00510	.02260	-.06750	.21350	-.24250	-6.31290	-.24250
-.119	-4.389	.03650	.04740	.19960	.00140	.02940	-.04080	.14430	-.22190	-4.32550	-.22190
-.159	-.182	.04860	.05830	.01050	-.00910	.04610	-.00170	.00960	-.21180	-.15350	-.21180
-.062	3.664	.04120	.04720	-.15490	-.00530	.03380	.03550	-.11550	-.15920	3.66310	-.15920
.055	5.715	.02970	.03320	-.27480	-.00010	.01900	.07650	-.20670	-.09480	5.70130	-.09480
	GRADIENT	.00062	.00002	-.04403	-.00086	.00060	.00947	-.03226	.00770	.99197	.00770

RUN NO. 2030/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.192	-5.697	.02530	.03360	.23380	.00970	.01550	-.05100	.17120	3.98900	-5.74490	3.98900
4.147	-3.750	.03010	.03570	.13930	.00470	.01860	-.01830	.09580	4.00610	-3.78520	4.00610
4.085	.190	.03700	.04560	.00510	-.00460	.03040	.00250	.00030	4.00410	.19120	4.00410
3.784	4.004	.03030	.03370	-.14400	.00040	.01920	.03250	-.11160	3.65030	4.03430	3.65030
4.068	5.982	.02110	.02130	-.25000	.00530	.00760	.07040	-.19530	3.87550	6.02860	3.87550
	GRADIENT	.00004	-.00024	-.03652	-.00056	.00009	.00654	-.02674	.04564	1.00852	-.04564

1A105A, AEDC PWT-TF470, O T S W0/SILTS (T8M057) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2031/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.266	-6.073	.05370	.07780	.35170	-.03420	.06430	-.11770	.27010	-8.27560	-5.86950	-8.27560
-8.339	-3.928	.07150	.09180	.21210	-.03830	.07700	-.06450	.16360	-8.29280	-3.79220	-8.29280
-8.269	.353	.08210	.10110	-.00980	-.04430	.08950	.00760	-.01180	-8.17780	.34940	-8.17780
-7.977	4.277	.06920	.07810	-.22240	-.04020	.07630	.07990	-.18210	-7.92630	4.14710	-7.92630
-7.714	6.297	.05320	.05920	-.35870	-.03210	.06590	.13350	-.28610	-7.71660	6.10140	-7.71660
	GRADIENT	-.00024	-.00161	-.05294	-.00025	-.00004	.01759	-.04212	.04440	.96768	.04440

RUN NO. 2032/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.219	-6.171	.05070	.07150	.33260	-.01990	.06020	-.10910	.25530	-4.32460	-6.00650	-4.32460
-4.416	-4.116	.06640	.08340	.21150	-.02550	.07140	-.06450	.16430	-4.44920	-3.99860	-4.44920
-4.072	.188	.07770	.09280	.00520	-.03490	.08320	.00150	.00150	-4.04160	.18790	-4.04160
-3.964	4.277	.06580	.07260	-.20620	-.03350	.06930	.07140	-.16850	-4.00120	4.15840	-4.00120
-3.575	6.246	.05140	.05580	-.33010	-.02610	.05760	.11880	-.26290	-3.68550	6.08260	-3.68550
	GRADIENT	-.00005	-.00126	-.04975	-.00096	-.00022	.01618	-.03964	.05374	.97189	.05374

RUN NO. 2033/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.043	-6.406	.04580	.06230	.31720	-.01240	.05150	-.09940	.24310	-.17080	-6.31920	-.17080
-.015	-4.402	.05930	.07300	.20820	-.01790	.06070	-.05930	.16010	-.15470	-4.33390	-.15470
-.040	-.183	.07190	.08320	.01160	-.02760	.07550	-.00070	.00870	-.10930	-.15310	-.10930
.061	3.642	.06480	.07020	-.16150	-.02500	.06450	.04880	-.12860	-.06350	3.63990	-.06350
.207	5.712	.05450	.05700	-.27530	-.01920	.05370	.09200	-.21760	.00750	5.69360	.00750
	GRADIENT	.00072	-.00030	-.04597	-.00091	.00052	.01345	-.03589	.01133	.99124	.01133

RUN NO. 2034/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.210	-5.668	.04930	.06030	.24320	-.00970	.04590	-.07060	.19090	3.97100	-5.72640	3.97100
3.875	-3.685	.05880	.06820	.14900	-.01690	.05620	-.03680	.11530	3.71580	-3.72770	3.71580
4.009	.194	.06470	.07320	.00700	-.02360	.06500	.00230	.00140	3.91640	.18900	3.91640
3.860	3.982	.05750	.06050	-.15150	-.01960	.05430	.04440	-.12520	3.70560	4.01740	3.70560
4.096	5.967	.04930	.04840	-.24850	-.01330	.04470	.08060	-.20140	3.86910	6.01930	3.86910
	GRADIENT	-.00016	-.00100	-.03918	-.00036	-.00024	.01059	-.03136	-.00112	1.01015	-.00112

1A105A. AEDC PWT-TF470. O T S WO/SILTS (T8M058) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2035/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.336	-6.048	.05630	.08300	.36680	-.03790	.07020	-.13230	.28360	-8.34800	-5.83910	-8.34800
-8.311	-3.951	.07580	.09790	.22270	-.04280	.08250	-.07440	.17260	-8.26570	-3.81330	-8.26570
-8.272	.351	.08730	.10820	-.01250	-.05080	.09490	.00890	-.01430	-8.17860	.34550	-8.17860
-7.967	4.287	.07240	.08170	-.24250	-.04480	.08090	.09150	-.19650	-7.92310	4.14970	-7.92310
-7.688	6.298	.05480	.06150	-.37790	-.03580	.07200	.14800	-.30180	-7.70210	6.09300	-7.70210
	GRADIENT	-.00036	-.00190	-.05644	-.00027	-.00015	.02013	-.04478	.04126	.96659	.04126

RUN NO. 2036/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.177	-6.174	.05270	.07550	.35480	-.02460	.06620	-.12750	.27460	-4.29280	-6.00760	-4.29280
-4.425	-4.126	.07050	.08890	.23000	-.03140	.07640	-.07820	.17980	-4.46140	-4.00850	-4.46140
-4.077	.184	.08450	.10120	.00150	-.04220	.09080	.00250	-.00170	-4.04770	.18230	-4.04770
-3.994	4.299	.06950	.07650	-.22930	-.03810	.07460	.08550	-.18690	-4.03970	4.17740	-4.03970
-3.549	6.262	.05360	.05860	-.35220	-.03010	.06430	.13540	-.28200	-3.67420	6.09530	-3.67420
	GRADIENT	-.00009	-.00144	-.05450	-.00084	-.00019	.01942	-.04351	.05042	.97161	.05042

RUN NO. 2037/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.109	-6.317	.04800	.06670	.33530	-.01670	.05790	-.11620	.25960	-.11050	-6.23690	-.11050
-.018	-4.403	.06140	.07630	.23630	-.02130	.06480	-.07720	.18350	-.15830	-4.33990	-.15830
-.055	-.166	.07840	.09080	.02200	-.03230	.08290	-.00490	.01670	-.12250	-.13840	-.12250
.034	3.591	.07250	.07960	-.15620	-.03060	.07430	.05270	-.12560	-.08870	3.58800	-.08870
.139	5.694	.06140	.06580	-.27710	-.02660	.06290	.10020	-.21940	-.05690	5.67470	-.05690
	GRADIENT	.00144	.00048	-.04913	-.00119	.00125	.01627	-.03868	.00870	.99178	.00870

RUN NO. 2038/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.230	-5.670	.05820	.07080	.24810	-.01650	.05790	-.08340	.19650	3.97960	-5.73990	3.97960
3.900	-3.670	.06790	.07890	.15100	-.02390	.06680	-.04270	.11590	3.73590	-3.71960	3.73590
4.089	.190	.07550	.08650	.00560	-.02960	.07730	.00240	-.00050	3.99670	.18580	3.99670
3.786	3.977	.06650	.07100	-.15610	-.02640	.06570	.05280	-.12910	3.62690	4.01920	3.62690
4.089	5.939	.05680	.05760	-.25390	-.02080	.05540	.09280	-.20700	3.85340	6.00210	3.85340
	GRADIENT	-.00018	-.00102	-.04016	-.00033	-.00013	.01249	-.03204	-.01399	1.01211	-.01399

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M059) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -7.000

RUN NO. 1674/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.230	-6.098	.06870	.09740	.35240	-.04690	.06090	-.13590	.27180	-8.25990	-5.87720	-8.25990
-8.179	-4.011	.06580	.09200	.22120	-.05000	.07130	-.08030	.17210	-8.14660	-3.86040	-8.14660
-8.109	.227	.07690	.09550	.00130	-.05360	.08350	.00370	-.00570	-8.01700	.23510	-8.01700
-7.994	4.337	.06260	.07240	-.23480	-.04680	.07160	.09080	-.19130	-7.94080	4.21000	-7.94080
-7.678	6.351	.04620	.05310	-.35380	-.04690	.06390	.14210	-.28190	-7.67040	6.16810	-7.67040
	GRADIENT	-.00037	-.00233	-.05461	.00038	.00005	.02049	-.04352	.02468	.96674	.02468

RUN NO. 1675/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.264	-6.178	.04370	.06810	.34170	-.03480	.06170	-.13150	.26380	-4.35980	-6.01470	-4.35980
-4.427	-4.151	.06000	.08210	.22550	-.04290	.06730	-.08200	.17480	-4.45490	-4.03200	-4.45490
-4.140	.232	.07340	.09000	.00610	-.04750	.07860	.00060	-.00030	-4.09920	.23410	-4.09920
-4.022	4.350	.05860	.06560	-.22610	-.04080	.06650	.08820	-.18510	-4.02800	4.24690	-4.02800
-3.604	6.296	.04390	.04850	-.33830	-.04130	.05810	.13550	-.26940	-3.66590	6.15310	-3.66590
	GRADIENT	-.00013	-.00190	-.05309	.00023	-.00007	.02001	-.04231	.05055	.97388	.05055

RUN NO. 1676/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.173	-6.387	.06110	.08210	.32440	-.02890	.05420	-.12480	.25110	-.36130	-6.29790	-.36130
-.231	-4.254	.06450	.08280	.21140	-.03280	.06200	-.07610	.16570	-.33990	-4.18650	-.33990
-.232	-.226	.07390	.09040	.01820	-.04090	.07440	-.00440	.01220	-.28420	-.19760	-.28420
-.175	3.644	.07870	.08540	-.17220	-.03520	.06590	.06390	-.13880	-.26130	3.63390	-.26130
-.101	5.696	.08370	.08840	-.28540	-.03550	.05430	.11230	-.22710	-.24090	5.66530	-.24090
	GRADIENT	.00180	.00034	-.04856	-.00032	.00051	.01773	-.03855	.00998	.99013	.00998

RUN NO. 1677/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.242	-5.599	.04940	.06660	.25930	-.02660	.05140	-.09610	.20310	4.00740	-5.66410	4.00740
4.115	-3.633	.05650	.07220	.16650	-.03030	.05850	-.05640	.12720	3.95940	-3.68670	3.95940
3.996	.250	.06540	.07670	.00440	-.03510	.06870	.00290	-.00190	3.91460	.23710	3.91460
3.701	3.982	.05830	.06190	-.16850	-.03030	.05990	.06380	-.13060	3.57190	4.00460	3.57190
3.778	5.862	.04820	.04950	-.26450	-.03010	.05250	.10490	-.21400	3.58940	5.89510	3.58940
	GRADIENT	.00025	-.00134	-.04398	-.00081	.00020	.01578	-.03490	.05062	1.01008	-.05062

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (T8M060) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
1B-ELV = 12.000 0B-ELV = -7.000

RUN NO. 1678/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.452	-6.078	.04600	.07420	.35150	-.04470	.06380	-.13660	.26930	-8.46610	-5.89520	-8.46610
-8.480	-3.893	.06170	.08820	.21860	-.04930	.06760	-.08220	.17120	-8.44030	-3.76960	-8.44030
-8.201	.305	.07310	.09170	-.00640	-.05080	.08010	.00320	-.00860	-8.11490	.31230	-8.11490
-7.988	4.430	.05950	.06990	-.23140	-.04360	.07090	.08940	-.18650	-7.93260	4.32750	-7.93260
-7.688	6.424	.04570	.05300	-.34160	-.04510	.06360	.13810	-.27020	-7.67170	6.26990	-7.67170
	GRADIENT	-.00026	-.00219	-.05406	.00068	.00040	.02062	-.04297	.06104	.97280	.06104

RUN NO. 1679/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.430	-6.161	.04110	.06490	.34160	-.03370	.06060	-.13240	.26080	-4.48920	-6.03170	-4.48920
-4.582	-4.128	.05450	.07620	.22970	-.04010	.06360	-.08700	.17920	-4.58490	-4.03520	-4.58490
-4.224	.309	.06930	.08530	-.00260	-.04570	.07490	.00110	-.00520	-4.17520	.31000	-4.17520
-3.960	4.427	.05520	.06260	-.22920	-.04240	.06310	.09060	-.18620	-3.94640	4.34530	-3.94640
-3.585	6.379	.04110	.04610	-.33500	-.04150	.05650	.13520	-.26400	-3.61470	6.26490	-3.61470
	GRADIENT	.00012	-.00154	-.05363	-.00028	-.00002	.02075	-.04270	.07486	.97962	.07486

RUN NO. 1680/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.293	-6.471	.06330	.08340	.34050	-.02720	.05220	-.13280	.25920	-.43530	-6.39120	-.43530
-.376	-4.288	.06640	.08460	.22050	-.03190	.05810	-.09080	.17140	-.45210	-4.22570	-.45210
-.387	-.290	.07560	.09150	.02190	-.03980	.06950	-.00720	.01570	-.41960	-.26120	-.41960
-.353	3.583	.08090	.08830	-.17460	-.03410	.06120	.06620	-.13940	-.41160	3.57920	-.41160
-.308	5.620	.08540	.08940	-.28760	-.03390	.05190	.11470	-.22450	-.40600	5.59740	-.40600
	GRADIENT	.00184	.00048	-.05020	-.00029	.00041	.01868	-.03949	.00516	.99165	.00516

RUN NO. 1681/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.266	-5.519	.04590	.06080	.27170	-.02450	.05110	-.10420	.20940	4.07230	-5.58360	4.07230
4.143	-3.545	.05210	.06530	.17150	-.03190	.05560	-.06180	.13130	4.02080	-3.59550	4.02080
3.907	.324	.06080	.07270	.00580	-.03400	.06540	.00040	.00060	3.85310	.31000	3.85310
3.577	4.004	.05280	.05710	-.17040	-.03190	.05460	.06640	-.13860	3.48140	4.02370	3.48140
3.658	5.877	.04410	.04530	-.27270	-.02770	.05110	.10900	-.21480	3.51280	5.90520	3.51280
	GRADIENT	.00011	-.00106	-.04527	-.00000	-.00011	.01697	-.03574	-.07121	1.00929	-.07121

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M061) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1655/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.254	-6.100	.05540	.08390	.35740	-.04350	.06500	-.12840	.27030	-8.28460	-5.87820	-8.28460
-8.348	-3.982	.07560	.09970	.22470	-.04870	.08170	-.07660	.16870	-8.31050	-3.83860	-8.31050
-8.107	.165	.08810	.10760	.00440	-.05770	.09550	.00130	-.00460	-8.02030	.17180	-8.02030
-8.046	4.309	.07500	.08330	-.22350	-.04890	.08490	.08400	-.18580	-7.99710	4.17980	-7.99710
-7.715	6.307	.05950	.06590	-.34550	-.04130	.07460	.13250	-.27950	-7.72450	6.10740	-7.72450
	GRADIENT	-.00007	-.00198	-.05406	-.00002	.00039	.01937	-.04276	.03781	.96716	.03781

RUN NO. 1656/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.186	-6.183	.05440	.07900	.33500	-.03180	.06390	-.11980	.25500	-4.31320	-6.01190	-4.31320
-4.206	-4.121	.07080	.09130	.22010	-.03960	.07870	-.07600	.16750	-4.25700	-3.99990	-4.25700
-4.130	.183	.08510	.10170	.01160	-.04880	.09220	-.00130	.00160	-4.10230	.18400	-4.10230
-4.016	4.427	.07290	.07870	-.21440	-.03970	.08200	.07960	-.18010	-4.05990	4.30330	-4.05990
-3.621	6.308	.05930	.06420	-.32700	-.03510	.07140	.12560	-.26710	-3.74090	6.14040	-3.74090
	GRADIENT	.00325	-.00146	-.05082	-.00002	.00039	.01820	-.04066	.02309	.97131	.02309

RUN NO. 1657/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.036	-6.370	.06510	.08600	.32940	-.02560	.05810	-.11700	.25120	-.19710	-6.28970	-.19710
-.059	-4.238	.05780	.07410	.21540	-.03150	.07430	-.07160	.16350	-.20370	-4.17660	-.20370
-.082	-.200	.08220	.09590	.02280	-.04090	.08780	-.00470	.01210	-.15300	-.17410	-.15300
-.010	3.680	.05590	.06070	-.15890	-.03590	.08080	.05710	-.13350	-.13490	3.67210	-.13490
.128	5.704	.01530	.01850	-.27250	-.03050	.07140	.10090	-.22210	-.07060	5.67950	-.07060
	GRADIENT	-.00020	-.00164	-.04727	-.00057	.00084	.01626	-.03751	.00871	.99122	.00871

RUN NO. 1658/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.174	-5.596	.05690	.07060	.26260	-.02530	.05650	-.08840	.20180	3.91520	-5.67510	3.91520
3.942	-3.686	.06800	.08130	.16930	-.03120	.06700	-.05180	.12720	3.76710	-3.74800	3.76710
4.051	.201	.07540	.08710	.01300	-.03480	.07940	.00040	.00200	3.95590	.18860	3.95590
3.760	3.950	.06760	.07080	-.15110	-.03240	.06770	.05460	-.13000	3.60250	3.98630	3.60250
3.845	5.843	.05750	.05760	-.24740	-.02740	.05700	.09370	-.20790	3.61340	5.89510	3.61340
	GRADIENT	-.00004	-.00136	-.04195	-.00016	.00011	.01393	-.03367	-.02113	1.01283	-.02113

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M062) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1659/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.355	-6.114	.05590	.08630	.36020	-.04600	.07040	-.13490	.27520	-8.39140	-5.88260	-8.39140
-8.393	-3.991	.07510	.10160	.22390	-.05120	.06120	-.07850	.17080	-8.36050	-3.83650	-8.36050
-8.285	.352	.08600	.10410	-.00590	-.05690	.09350	.00660	-.01350	-8.19920	.35350	-8.19920
-7.963	4.322	.07300	.08230	-.22930	-.04800	.08300	.08780	-.19080	-7.92260	4.18620	-7.92260
-7.770	6.331	.05410	.06070	-.35720	-.04290	.07240	.14260	-.29020	-7.78190	6.12870	-7.78190
	GRADIENT	-.00021	-.00228	-.05449	.00036	.00026	.02000	-.04348	.05243	.96505	.05243

RUN NO. 1660/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.000	-6.139	.06790	.09280	.33200	-.03770	.06390	-.12210	.25340	-4.12760	-5.97040	-4.12760
-4.189	-4.122	.06960	.09100	.21870	-.04310	.07570	-.07590	.16600	-4.23790	-3.99320	-4.23790
-4.110	.193	.08240	.10000	.00840	-.04950	.08870	.00160	-.00210	-4.08280	.19760	-4.08280
-4.001	4.322	.06900	.07620	-.21190	-.04350	.07670	.08300	-.17850	-4.03500	4.20660	-4.03500
-3.602	6.279	.05450	.05940	-.32650	-.04220	.06550	.13130	-.26700	-3.70510	6.12080	-3.70510
	GRADIENT	-.00005	-.00172	-.05098	-.00006	.00014	.01881	-.04079	.02412	.97185	.02412

RUN NO. 1661/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.025	-6.379	.04930	.07050	.32640	-.02960	.05890	-.11950	.24970	-.19480	-6.29730	-.19480
-.047	-4.225	.05760	.07480	.20690	-.03320	.07070	-.07090	.15890	-.18230	-4.16300	-.18230
-.043	-.195	.06900	.08400	.02070	-.04140	.08330	-.00250	.01030	-.11300	-.16940	-.11300
.025	3.675	.08370	.08940	-.16060	-.03660	.07400	.06160	-.13540	-.09280	3.66540	-.09280
.115	5.695	.08620	.09040	-.27240	-.03260	.05940	.10770	-.22370	-.06960	5.66790	-.06960
	GRADIENT	.00330	.00185	-.04652	-.00044	.00044	.01678	-.03725	.01137	.99104	.01137

RUN NO. 1662/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.209	-5.620	.05460	.06900	.26990	-.02660	.05500	-.09480	.20780	3.95790	-5.69070	3.95790
4.121	-3.662	.06450	.08000	.17100	-.03130	.06400	-.05350	.12860	3.94960	-3.72140	3.94960
4.027	.207	.07210	.08390	.01040	-.03500	.07440	.00220	-.00030	3.93390	.19510	3.93390
3.750	3.954	.06430	.06750	-.15790	-.03360	.06380	.06100	-.13590	3.59910	3.98870	3.59910
4.035	5.923	.05410	.05550	-.25390	-.03130	.05300	.10100	-.21310	3.81370	5.97380	3.81370
	GRADIENT	-.00002	.00163	-.04317	-.00031	-.00001	.01503	-.03472	-.04579	1.01225	-.04579

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M063) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1663/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.206	-6.105	.04990	.07870	.35630	-.04740	.06550	-.13520	.27130	-8.23230	-5.88980	-8.23230
-8.216	-4.012	.06850	.09490	.22180	-.05120	.07380	-.07820	.16880	-8.18040	-3.86630	-8.18040
-8.102	.235	.07960	.09840	.00310	-.05530	.08720	.00420	-.00720	-8.01170	.23780	-8.01170
-7.975	4.349	.06570	.07550	-.22860	-.04840	.07490	.09000	-.18980	-7.92300	4.22130	-7.92300
-7.711	6.342	.04930	.05630	-.34810	-.04830	.06660	.14160	-.28030	-7.70400	6.15700	-7.70400
	GRADIENT	-.00032	-.00230	-.05386	.00033	.00015	.02011	-.04288	.03083	.96734	.03083

RUN NO. 1664/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.221	-6.158	.04690	.07150	.34430	-.03550	.06360	-.12950	.26160	-4.31330	-6.00000	-4.31330
-4.220	-4.105	.06260	.08440	.22310	-.04300	.06920	-.07860	.16910	-4.24720	-3.99360	-4.24720
-4.139	.229	.07700	.09370	.01010	-.04940	.08310	.00060	-.00040	-4.09920	.23040	-4.09920
-4.024	4.349	.06260	.06970	-.22080	-.04280	.07060	.08690	-.18370	-4.03030	4.24600	-4.03030
-3.810	6.381	.04570	.05060	-.34310	-.04130	.06180	.13990	-.27660	-3.87340	6.23220	-3.87340
	GRADIENT	.00003	-.00171	-.05248	.00001	.00019	.01957	-.04171	.02573	.97465	.02573

RUN NO. 1665/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.146	-6.272	.06190	.08240	.31810	-.03130	.05510	-.11820	.24170	-.32640	-6.18530	-.32640
-.225	-4.320	.06580	.08420	.21670	-.03500	.06290	-.07470	.16500	-.33480	-4.25170	-.33480
-.201	-.243	.07580	.09180	.02240	-.04240	.07640	-.00310	.01110	-.25480	-.21480	-.25480
-.149	3.637	.08060	.08710	-.16860	-.03650	.06780	.06490	-.14030	-.23870	3.62690	-.23870
-.063	5.688	.08440	.08890	-.28040	-.03630	.05620	.11290	-.22730	-.20680	5.65780	-.20680
	GRADIENT	.00186	.00038	-.04842	-.00020	.00064	.01754	-.03836	.01214	.99017	.01214

RUN NO. 1666/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.235	-5.605	.05130	.06850	.26380	-.02740	.05270	-.09510	.20250	4.00360	-5.66840	4.00360
3.901	-3.608	.05920	.07490	.17210	-.03250	.06030	-.05550	.12740	3.74920	-3.65710	3.74920
4.004	.249	.06770	.07880	.00930	-.03650	.07070	.00290	-.00150	3.92130	.23700	3.92130
3.702	3.976	.07930	.08300	-.16280	-.03200	.05930	.06360	-.13760	3.56980	4.00000	3.56980
3.981	5.936	.05010	.05110	-.26030	-.03130	.05290	.10570	-.21440	3.78540	5.97430	3.78540
	GRADIENT	.00265	.00107	-.04415	.00006	-.00012	.01570	-.03493	.02326	1.00965	-.02326

1A105A, AEDC PWT-TF470, O T S WO/SILTS (T8M064) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
1B-ELV = 12.000 0B-ELV = -2.000

RUN NO. 1667/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.455	-6.061	.04770	.07590	.35330	-.04710	.06380	-.13300	.26520	-8.46610	-5.88160	-8.46610
-8.484	-3.898	.06430	.09080	.22310	-.05000	.06970	-.08080	.17070	-8.44250	-3.77760	-8.44250
-8.370	.465	.07510	.09330	-.01000	-.05300	.08190	.00590	-.01430	-8.28320	.46380	-8.28320
-7.980	4.431	.06190	.07220	-.22680	-.04570	.07230	.08990	-.18670	-7.92600	4.32330	-7.92600
-7.715	6.435	.04780	.05530	-.33860	-.04740	.06490	.13910	-.27130	-7.70060	6.27600	-7.70060
	GRADIENT	-.00024	-.00219	-.05401	.00050	.00035	.02049	-.04291	.06159	.97271	.06159

RUN NO. 1668/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.415	-6.202	.04290	.06670	.34550	-.03540	.06070	-.13110	.25990	-4.47350	-6.07400	-4.47350
-4.363	-4.097	.05700	.07830	.23050	-.04130	.06470	-.08350	.17510	-4.36710	-4.00880	-4.36710
-4.223	.314	.07200	.08780	.00030	-.04620	.07800	.00140	-.00530	-4.17480	.31280	-4.17480
-3.978	4.437	.05760	.06490	-.22520	-.04390	.06520	.09060	-.18610	-3.96670	4.35330	-3.96670
-3.571	6.363	.04320	.04800	-.33420	-.04270	.05840	.13730	-.26660	-3.60460	6.24650	-3.60460
	GRADIENT	.00311	-.00153	-.05338	-.00031	.00009	.02039	-.04231	.04688	.97983	.04688

RUN NO. 1669/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.286	-6.472	.06410	.08400	.34120	-.02910	.05210	-.12950	.25530	-.42670	-6.39260	-.42670
-.349	-4.291	.06770	.08570	.22280	-.03320	.05930	-.07920	.16960	-.42500	-4.22940	-.42500
-.376	-.291	.07740	.09310	.02530	-.04180	.07170	-.00620	.01480	-.40900	-.26170	-.40900
-.335	3.582	.08220	.08940	-.16830	-.03640	.06220	.06640	-.13890	-.39570	3.57870	-.39570
-.275	5.623	.08690	.09060	-.28360	-.03570	.05310	.11580	-.22570	-.37960	5.60130	-.37960
	GRADIENT	.00184	.00048	-.04967	-.00042	.00038	.01849	-.03918	.00372	.99173	.00372

RUN NO. 1670/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.256	-5.527	.04740	.06250	.27690	-.02530	.05150	-.10270	.20890	4.06410	-5.58930	4.06410
4.146	-3.542	.05380	.06660	.17580	-.03350	.05670	-.06060	.13060	4.02500	-3.59140	4.02500
3.907	.325	.06310	.07500	.01110	-.03610	.06750	.00130	.00030	3.85110	.31190	3.85110
3.609	3.994	.05480	.05880	-.16390	-.03370	.05590	.06680	-.13800	3.51050	4.01570	3.51050
3.659	5.861	.04650	.04760	-.26730	-.02870	.05270	.10960	-.21470	3.51080	5.89060	3.51080
	GRADIENT	.00015	-.00101	-.04505	-.00003	-.00008	.01690	-.03562	-.06806	1.00938	-.06806

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M065) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
18-ELV = 12.000 08-ELV = 5.000

RUN NO. 1818/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-7.997	-7.907	-.02410	-.02580	.41350	.00110	-.01170	-.10220	.29500	-7.99360	-7.79060	-7.99360
-8.097	-3.863	.00920	.00830	.18900	-.01060	.00040	-.04610	.13730	-8.04910	-3.80230	-8.04910
-8.136	.293	.01700	.01650	-.02020	-.01680	.00790	.01100	-.02280	-8.06920	.28980	-8.06920
-7.655	4.198	.00590	.00520	-.20920	-.00950	-.00160	.06270	-.16710	-7.60570	4.14060	-7.60570
-7.611	8.082	-.01790	-.01880	-.42700	.00320	-.01070	.11510	-.31400	-7.59270	7.97380	-7.59270
	GRADIENT	-.00039	-.00036	-.04941	.00012	-.00023	.01350	-.03777	.05437	.98531	.05437

RUN NO. 1819/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.128	-8.002	-.01490	-.01690	.40920	.01050	-.01000	-.09820	.28690	-4.17730	-7.90380	-4.17730
-4.149	-3.936	.00840	.00710	.19530	-.00440	-.00040	-.04590	.14280	-4.14520	-3.87810	-4.14520
-3.976	.187	.01630	.01530	-.00270	-.01310	.00720	.00610	-.00900	-3.94320	.18680	-3.94320
-3.866	4.160	.00520	.00380	-.19860	-.00630	-.00260	.05870	-.15830	-3.86260	4.10440	-3.86260
-3.795	8.180	-.01840	-.02010	-.42530	.00710	-.01110	.11260	-.30900	-3.83930	8.08380	-3.83930
	GRADIENT	-.00038	-.00039	-.04865	-.00025	-.00026	.01292	-.03719	.03500	.98603	.03500

RUN NO. 1820/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.132	-8.135	-.03980	-.04220	.41010	.01490	-.00970	-.09650	.28330	-.25030	-8.06790	-.25030
-.262	-4.266	-.14290	-.14450	.20370	-.00070	.01070	-.04530	.14940	-.32150	-4.21630	-.32150
-.239	-.044	-.25400	-.25540	.01390	-.01210	.03180	.00200	.00570	-.27560	-.01570	-.27560
-.209	3.799	-.39500	-.39670	-.16100	-.00890	.03860	.04680	-.12670	-.26630	3.80840	-.26630
-.116	7.831	-.49330	-.49530	-.38730	.00400	.03430	.10120	-.27960	-.23070	7.82210	-.23070
	GRADIENT	-.03117	-.03119	-.04521	-.00104	.00348	.01154	-.03423	.00691	.99489	.00691

RUN NO. 1821/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.493	-7.716	-.00890	-.01150	.36060	.01620	-.01270	-.08410	.25080	4.30890	-7.77110	4.30890
4.175	-3.823	.01060	.00850	.15680	-.00210	-.00390	-.03170	.11340	4.08990	-3.85710	4.08830
4.137	.194	.01240	.01030	-.00010	-.00880	.00280	.00710	-.00740	4.09500	.19180	4.09500
3.839	4.102	.00120	-.00080	-.15310	-.00480	-.00380	.04480	-.12540	3.76540	4.12640	3.76540
3.877	7.972	-.01310	-.01560	-.37170	.01150	-.01420	.09560	-.26610	3.72380	8.01260	3.72380
	GRADIENT	-.00118	-.00117	-.03910	-.00035	.00002	.00965	-.03013	.04062	1.00736	-.04062

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M065) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1822/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
8.267	-7.802	-.00740	.00150	.33590	.01750	-.00970	-.07950	.23660	8.04090	-7.92650	8.04090
8.147	-3.761	.00830	.01290	.15120	.00040	-.00370	-.03160	.11010	8.02830	-3.82760	8.02830
7.810	.155	.00960	.02230	.00070	-.00550	.00310	.00690	-.00730	7.73330	.14950	7.73330
8.108	4.134	.00540	.00670	-.15360	-.00060	-.00440	.04250	-.12100	7.99870	4.18340	7.99870
7.942	8.013	-.00930	-.01250	-.34040	.01120	-.01270	.08880	-.24590	7.74470	8.11410	7.74470
	GRADIENT	-.00037	-.00079	-.03860	-.00012	-.00009	.00938	-.02927	-.00356	1.01461	-.00356

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M066) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1823/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.294	-5.985	.01020	.02960	.31450	-.00540	.00460	-.07190	.22470	-8.26970	-5.86790	-8.26970
-8.373	-3.871	.02520	.04320	.18770	-.01140	.01670	-.03810	.13360	-8.32050	-3.79210	-8.32050
-8.265	.357	.03580	.05060	-.01560	-.01870	.02980	.00560	-.01480	-8.18610	.35620	-8.18610
-8.008	4.239	.02080	.02780	-.20600	-.01080	.01350	.05440	-.16020	-7.94860	4.16770	-7.94860
-7.779	6.258	.00660	.01010	-.32740	-.00150	.00470	.08500	-.24550	-7.74280	6.14920	-7.74280
	GRADIENT	-.00050	-.00184	-.04854	.00005	-.00034	.01139	-.03621	.04565	.98141	.04565

RUN NO. 1824/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.280	-6.114	.00710	.02330	.31690	.00480	.00360	-.07080	.22400	-4.31960	-6.01370	-4.31960
-4.432	-4.057	.01960	.03440	.19510	-.00280	.01060	-.03830	.13910	-4.43540	-3.98430	-4.43540
-4.099	.194	.02930	.04190	-.00150	-.01350	.02310	.00550	-.00610	-4.06560	.19560	-4.06560
-3.912	4.251	.01510	.01910	-.20660	-.00740	.00640	.05360	-.15930	-3.91550	4.18360	-3.91550
-3.662	6.229	.00150	.00310	-.32270	.00220	-.00230	.08200	-.23950	-3.70070	6.13480	-3.70070
	GRADIENT	-.00052	-.00181	-.04833	-.00057	-.00048	.01106	-.03590	.06277	.98315	.06277

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M066) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1825/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.154	-6.220	.00000	-.00130	.30960	.00870	-.00180	-.06730	.21670	-.27600	-6.15390	-.27600
-.234	-4.375	.00000	-.00080	.20320	.00220	.00530	-.03890	.14500	-.32070	-4.31790	-.32070
-.247	-.123	.00000	-.00110	.00650	-.00900	.02180	.00580	.00000	-.29730	-.09500	-.29730
-.187	3.632	.00000	-.00110	-.16040	-.00550	.01020	.04040	-.12340	-.26500	3.63620	-.26500
-.103	5.705	.00000	-.00100	-.28270	.00280	-.00140	.07030	-.20780	-.21650	5.69890	-.21650
	GRADIENT	.00000	-.00004	-.04543	-.00100	.00068	.00992	-.03354	.00693	.99347	.00693

RUN NO. 1826/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.169	-5.695	.00880	.01640	.24860	.00650	-.00290	-.05210	.17800	3.98770	-5.74790	3.98770
3.881	-3.680	.01710	.02340	.14500	-.00140	.00250	-.02200	.10180	3.75900	-3.71800	3.75900
4.058	.202	.02050	.03040	.00270	-.00770	.01350	.00880	-.00670	3.99050	.19800	3.99050
3.764	4.012	.01350	.01470	-.15730	-.00350	.00230	.03820	-.12370	3.65180	4.04000	3.65180
4.01[illegible]	5.986	-.00450	-.00720	-.26120	.00460	-.00440	.06340	-.19340	3.85650	6.02660	3.85650
	GRADIENT	-.00046	-.00112	-.03929	-.00028	-.00002	.00783	-.02931	-.01371	1.00857	-.01371

RUN NO. 1845/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.152	-5.681	.01060	.01550	.23120	.00590	-.00050	-.04440	.16270	5.96370	-5.75210	5.96370
6.064	-3.707	.01650	.02210	.14180	.00300	.00430	-.01760	.09690	5.92560	-3.75760	5.92560
5.952	.210	.01990	.02890	-.00040	-.00140	.01500	.01310	-.01240	5.85730	.20320	5.85730
5.550	3.973	.01200	.01310	-.14690	.00300	.00500	.03780	-.11870	5.42820	4.00500	5.42820
5.619	6.015	.00500	.00240	-.25130	.00640	-.00460	.06300	-.19110	5.45360	6.06640	5.45360
	GRADIENT	-.00058	-.00115	-.03759	-.00001	.00011	.00722	-.02807	-.06445	1.01085	-.06445

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M067) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1827/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.205	-3.915	.04220	.06060	.19780	-.01780	.03790	-.05060	.14580	-8.15330	-3.82160	-8.15330
-8.283	.355	.05160	.06770	-.01200	-.02310	.04930	-.00020	-.00760	-8.19720	.35400	-8.19720
-7.987	4.260	.03890	.04630	-.20290	-.01570	.03360	.05070	-.15560	-7.92200	4.17740	-7.92200
	GRADIENT	-.00036	-.00170	-.04902	.00023	-.00048	.01238	-.03685	.02769	.97844	.02769

RUN NO. 1828/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-6.263	-3.987	.03780	.05430	.19250	-.01050	.03200	-.04250	.13980	-6.24010	-3.89880	-6.24010
-6.099	.198	.04760	.06130	-.00870	-.01620	.04620	.00340	-.00790	-6.03890	.19790	-6.03890
-5.714	4.366	.03280	.03870	-.21490	-.00960	.02810	.05950	-.16700	-5.68830	4.28120	-5.68830
	GRADIENT	-.00060	-.00187	-.04877	.00011	-.00046	.01221	-.03673	.06605	.97934	.06605

RUN NO. 1829/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.109	-4.088	.03260	.04720	.19460	-.00550	.02560	-.03990	.14050	-4.12280	-4.00500	-4.12280
-4.111	.192	.04350	.05590	-.00280	-.01530	.03970	.00440	-.00380	-4.07580	.19330	-4.07580
-3.937	4.280	.02780	.03260	-.21150	-.01100	.02050	.06410	-.16840	-3.94440	4.20090	-3.94440
	GRADIENT	-.00055	-.00172	-.04851	-.00067	-.00058	.01241	-.03689	.02124	.98067	.02124

RUN NO. 1830/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-2.304	-4.157	.02950	.04220	.19570	-.00390	.02010	-.03540	.13780	-2.35370	-4.08350	-2.35370
-2.206	.194	.03940	.04980	-.00270	-.00940	.03640	.00600	-.00560	-2.19430	.19420	-2.19430
-1.679	4.291	.02270	.02620	-.21150	-.00460	.01590	.06360	-.16800	-1.73270	4.22220	-1.73270
	GRADIENT	-.00077	-.00186	-.04817	-.00010	-.00045	.01169	-.03616	.07312	.98306	.07312

RUN NO. 1831/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.196	-4.354	.02450	.03520	.19440	-.00010	.01390	-.03230	.13600	-.29420	-4.29640	-.29420
-.248	-.303	.03480	.04400	.00930	-.00870	.02990	.00580	.00390	-.30330	-.27330	-.30330
-.185	3.546	.02670	.03120	-.16220	-.00680	.01850	.04980	-.13100	-.27540	3.54780	-.27540
	GRADIENT	.00030	-.00048	-.04514	-.00086	.00061	.01038	-.03379	.00234	.99291	.00234

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M067) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1832/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
2.212	-3.720	.02500	.03160	.15110	-.00030	.01320	-.01810	.10150	2.08910	-3.74330	2.08910
1.792	.201	.03110	.03950	.00140	-.00650	.02660	.00890	-.00570	1.74360	.20030	1.74360
1.711	3.833	.02230	.02570	-.16710	-.00210	.01490	.04860	-.13330	1.60490	3.84940	1.60490
	GRADIENT	-.00033	-.00074	-.04207	-.00026	.00027	.00880	-.03104	-.06442	1.00522	-.06442

RUN NO. 1833/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
3.956	-3.758	.02240	.02820	.14700	.00130	.01120	-.01740	.10030	3.81880	-3.79730	3.81880
4.038	.200	.02780	.03480	-.00570	-.00610	.02300	.01150	-.01130	3.96090	.19750	3.96090
3.782	3.987	.01920	.02130	-.16570	-.00130	.01050	.04840	-.13490	3.65540	4.01750	3.65540
	GRADIENT	-.00040	-.00087	-.04036	-.00035	-.00007	.00849	-.03035	-.02067	1.00303	-.02067

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M068) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1834/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.314	-6.032	.04600	.06670	.31930	-.01740	.04430	-.07600	.22700	-8.29450	-5.88410	-8.29450
-8.362	-3.934	.06170	.08140	.19680	-.02240	.06280	-.04510	.14280	-8.30950	-3.82950	-8.30950
-8.279	.319	.06960	.08750	-.00290	-.02920	.07340	-.00400	-.00220	-8.19000	.32020	-8.19000
-8.017	4.273	.05740	.06580	-.20150	-.02400	.05730	.05270	-.15680	-7.95050	4.18260	-7.95050
-7.758	6.248	.04230	.04730	-.32640	-.01470	.04520	.09730	-.25360	-7.72290	6.11390	-7.72290
	GRADIENT	-.00049	-.00186	-.04851	-.00021	-.00063	.01189	-.03648	.04355	.97625	.04355

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M068) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1835/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.215	-6.148	.03760	.05510	.30810	-.00570	.03450	-.06840	.21620	-4.27070	-6.02520	-4.27070
-4.443	-4.098	.04950	.06580	.19700	-.01090	.04420	-.03700	.13920	-4.45240	-4.00830	-4.45240
-4.126	.187	.05850	.07180	.00730	-.02110	.05710	-.00150	.00590	-4.08910	.18760	-4.08910
-3.941	4.271	.04700	.05290	-.19340	-.01520	.04210	.04970	-.14880	-3.94800	4.18540	-3.94800
-3.676	6.247	.03270	.03650	-.31110	-.00710	.02870	.08890	-.23670	-3.72600	6.12930	-3.72600
	GRADIENT	-.00028	-.00152	-.04663	-.00053	-.00022	.01034	-.03439	.06047	.97907	.06047

RUN NO. 1836/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.073	-6.264	.03140	.04500	.29600	.00280	.02810	-.06410	.20570	-.22670	-6.18790	-.22670
-.158	-4.389	.03620	.04790	.19390	-.00150	.02490	-.03300	.13420	-.26150	-4.32710	-.26150
-.189	-.142	.04980	.06000	.01040	-.01380	.04610	.00200	.00710	-.23990	-.11390	-.23990
-.112	3.625	.04160	.04670	-.14210	-.00970	.03290	.03250	-.10750	-.20180	3.62260	-.20180
-.006	5.687	.03040	.03270	-.26340	-.00260	.01950	.07290	-.19910	-.14640	5.67270	-.14640
	GRADIENT	.00073	-.00009	-.04196	-.00106	.00108	.00818	-.03016	.00740	.99204	.00740

RUN NO. 1837/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.175	-5.665	.02810	.03700	.23090	.00560	.01620	-.04960	.16740	3.96670	-5.72190	3.96670
3.866	-3.672	.03140	.03720	.13440	.00020	.01770	-.01530	.09190	3.72570	-3.71330	3.72570
4.044	.195	.03420	.04280	.00080	-.00680	.02530	.00700	-.00390	3.96590	.19260	3.96590
3.734	3.960	.03070	.03340	-.14460	-.00330	.02000	.04070	-.11830	3.60380	3.99060	3.60380
3.808	5.874	.02370	.02270	-.23920	.00190	.01120	.07100	-.19030	3.62070	5.91820	3.62070
	GRADIENT	-.00009	-.00049	-.03655	-.00046	.00031	.00733	-.02753	-.01561	1.00942	-.01561

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M069) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1838/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.274	-6.057	.05440	.07880	.36040	-.03420	.06500	-.12000	.27300	-8.28820	-5.84810	-8.28820
-8.370	-3.960	.07090	.09150	.22030	-.03760	.07780	-.06790	.16720	-8.32760	-3.82010	-8.32760
-8.319	.338	.08420	.10290	-.00230	-.04950	.09100	.00500	-.00830	-8.22490	.33930	-8.22490
-7.996	4.290	.07080	.07790	-.21800	-.04300	.07810	.07980	-.18080	-7.94090	4.16650	-7.94090
	GRADIENT	.00003	-.00159	-.05311	-.00069	.00008	.01789	-.04216	.04654	.96804	.04654

RUN NO. 1839/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-6.238	-4.035	.06800	.08670	.22140	-.03280	.07370	-.06680	.16770	-6.23490	-3.90620	-6.23490
-6.107	.192	.08170	.09780	.00470	-.04320	.08880	.00270	-.00350	-6.04570	.19440	-6.04570
-5.983	4.310	.06840	.07450	-.20890	-.03700	.07500	.07520	-.17370	-5.96950	4.18860	-5.96950
	GRADIENT	.00006	-.00144	-.05156	-.00051	.00017	.01701	-.04091	.03186	.97001	.03186

RUN NO. 1840/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.075	-4.132	.06580	.08300	.22040	-.02910	.07000	-.06650	.16740	-4.11750	-4.01570	-4.11750
-4.113	.185	.07940	.09470	.01230	-.04030	.08450	.00080	.00300	-4.08180	.18830	-4.08180
-3.978	4.320	.06750	.07240	-.20490	-.03700	.07200	.07330	-.17050	-4.01140	4.20300	-4.01140
	GRADIENT	.00022	-.00123	-.05031	-.00095	.00026	.01653	-.03997	.01252	.97243	.01252

RUN NO. 1841/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-2.378	-4.217	.06320	.07900	.21780	-.02750	.06490	-.06270	.16390	-2.46030	-4.11750	-2.46030
-2.169	.189	.07560	.08880	.01230	-.03460	.08070	.00150	.00200	-2.16730	.18890	-2.16730
-1.882	4.318	.06450	.06810	-.19550	-.03050	.06830	.06770	-.16230	-1.96560	4.21770	-1.96560
	GRADIENT	.00018	-.00124	-.04840	-.00037	.00043	.01527	-.03820	.05805	.97657	.05805

RUN NO. 1842/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.037	-4.368	.05560	.06970	.21570	-.02320	.06000	-.05850	.16120	-.17820	-4.30200	-.17820
-.073	-.311	.07180	.08370	.02540	-.03180	.07450	-.00220	.01430	-.14120	-.28160	-.14120
.029	3.560	.06720	.07140	-.14940	-.02920	.06750	.04940	-.12450	-.09070	3.55680	-.09070
	GRADIENT	.00148	.00024	-.04606	-.00077	.00097	.01361	-.03604	.01102	.99119	.01102

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M069) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1843/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
2.194	-3.678	.06180	.07250	.16780	-.02350	.05780	-.03900	.12340	2.04370	-3.70520	2.04370
2.135	.203	.06970	.07990	.01760	-.02760	.07280	.00080	.00550	2.06940	.19890	2.06940
1.713	3.808	.06320	.06550	-.14970	-.02380	.06290	.04740	-.12480	1.58060	3.82320	1.58060
	GRADIENT	.00021	-.00090	-.04237	-.00005	.00072	.01153	-.03312	-.06099	1.00570	-.06099

RUN NO. 1844/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
3.980	-3.727	.05840	.06830	.15580	-.02050	.05380	-.03410	.11590	3.81430	-3.77690	3.81430
4.040	.201	.06590	.07580	.01570	-.02710	.06580	.00190	.00300	3.94850	.19410	3.94850
3.783	3.963	.05900	.06170	-.14270	-.02180	.05730	.04430	-.12190	3.63090	3.99630	3.63090
	GRADIENT	.00009	-.00084	-.03879	-.00018	.00047	.01019	-.03090	-.02342	1.01071	-.02342

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M070) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1846/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.163	-6.115	.05460	.08080	.37540	-.03320	.07040	-.13400	.28650	-8.18370	-5.90420	-8.18370
-8.104	-4.018	.07500	.09670	.23770	-.04090	.08360	-.07990	.18190	-8.06600	-3.87510	-8.06600
-8.075	.190	.08890	.10920	.00130	-.05400	.09650	.00460	-.00610	-7.98340	.19520	-7.98340
-8.046	4.307	.07290	.08040	-.23850	-.04620	.08260	.09270	-.19700	-7.99360	4.17620	-7.99360
-7.723	6.331	.05650	.06280	-.37170	-.03660	.07450	.14670	-.30000	-7.73170	6.12990	-7.73170
	GRADIENT	-.00024	-.00194	-.05719	-.00065	-.00011	.02073	-.04551	.00874	.96703	.00874

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M070) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 12[illegible] 3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .[illegible]00

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = 5.000

RUN NO. 1847/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.180	-6.198	.05250	.07540	.36360	-.02430	.06640	-.12810	.27680	-4.30110	-6.02910	-4.30110
-4.454	-4.140	.07110	.08980	.23830	-.03310	.07850	-.08030	.18300	-4.49270	-4.02000	-4.49270
-4.133	.184	.08570	.10200	.01040	-.04550	.09230	.00110	.00140	-4.10170	.18430	-4.10170
-3.978	4.312	.07060	.07560	-.21980	-.03900	.07690	.08530	-.18440	-4.01890	4.19460	-4.01890
-3.596	6.303	.05530	.05950	-.34430	-.03000	.06720	.13460	-.27970	-3.71620	6.13680	-3.71620
	GRADIENT	-.00003	-.00164	-.05419	-.00072	-.00016	.01959	-.04346	.05633	.97187	.05633

RUN NO. 1848/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.071	-6.289	.04870	.06620	.33740	-.01690	.05860	-.11430	.25670	-.15270	-6.20970	-.15270
-.023	-4.403	.06200	.07700	.24650	-.02310	.06620	-.07890	.18700	-.16870	-4.34150	-.16870
-.081	-.155	.08050	.09380	.02700	-.03660	.08530	-.00490	.01650	-.14790	-.12790	-.14790
.005	3.601	.07270	.07800	-.14090	-.03190	.07530	.05000	-.11770	-.11310	3.59630	-.11310
.099	5.700	.06320	.06570	-.26660	-.02700	.06580	.09880	-.21560	-.09270	5.67800	-.09270
	GRADIENT	.00140	.00021	-.04847	-.00114	.00121	.01613	-.03811	.00690	.99167	.00690

RUN NO. 1849/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.193	-5.624	.05930	.07130	.25110	-.01840	.05950	-.08170	.19430	3.93890	-5.69950	3.93890
3.895	-3.663	.06880	.08030	.15840	-.02800	.06770	-.04380	.11760	3.72760	-3.71860	3.72760
4.050	.190	.07730	.08840	.01170	-.03250	.07930	.00210	.00150	3.95940	.18260	3.95940
3.761	3.949	.06780	.07140	-.14400	-.02680	.06840	.05140	-.12320	3.60650	3.98850	3.60650
4.091	5.912	.05790	.05770	-.24120	-.02020	.05840	.09000	-.20040	3.85940	5.97300	3.85940
	GRADIENT	-.00012	-.00116	-.03972	.00015	.00010	.01251	-.03163	-.01559	1.01260	-.01559

1A105A, AEDC PWT-TF470, O T S W0/SILTS (T8M071) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = 5.000

RUN NO. 1850/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.003	-6.098	.05770	.08600	.35540	-.03970	.07120	-.12820	.27290	-8.04180	-5.87300	-8.04180
-8.363	-3.996	.07540	.09920	.22290	-.04370	.08350	-.07500	.17070	-8.32610	-3.84980	-8.32610
-8.340	.260	.08700	.10770	.00440	-.05320	.09480	.00370	-.00390	-8.24930	.26340	-8.24930
-7.976	4.313	.07440	.08370	-.21280	-.04560	.09380	.08370	-.17740	-7.93000	4.18040	-7.93000
-7.758	6.341	.05930	.06620	-.34830	-.03960	.07470	.13940	-.28320	-7.77320	6.13240	-7.77320
	GRADIENT	-.00010	-.00183	-.05243	-.00025	.00006	.01910	-.04189	.04743	.96649	.04743

RUN NO. 1851/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.131	-6.202	.05500	.07910	.33[illegible]0	-.02880	.06780	-.12140	.26070	-4.26290	-6.02830	-4.26290
-4.423	-4.143	.07100	.09120	.22[illegible]0	-.03530	.07860	-.07560	.17200	-4.47170	-4.01710	-4.47170
-4.128	.183	.08250	.09970	.01340	-.04430	.08930	.00030	.00360	-4.10200	.18360	-4.10200
-3.972	4.303	.07170	.07830	-.19920	-.03940	.07860	.07770	-.16860	-4.01490	4.18240	-4.01490
-3.600	6.297	.05700	.06240	-.31900	-.03260	.06800	.12620	-.26140	-3.71930	6.12900	-3.71930
	GRADIENT	.00010	-.00150	-.04995	-.00050	.00002	.01814	-.04031	.05434	.97076	.05434

RUN NO. 1852/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.095	-6.298	.04620	.06580	.32470	-.02010	.06300	-.11400	.24910	-.12850	-6.21910	-.12850
.002	-4.406	.06480	.08070	.22480	-.02540	.07090	-.07330	.17210	-.14520	-4.34320	-.14520
-.039	-.159	.07830	.09210	.02340	-.03630	.08440	-.00270	.01260	-.11150	-.13170	-.11150
.045	3.596	.07210	.07810	-.14890	-.03200	.07630	.05550	-.12620	-.07760	3.59090	-.07760
.142	5.692	.06060	.06410	-.26720	-.02690	.06470	.10120	-.21820	-.05290	5.66890	-.05290
	GRADIENT	.00096	-.00026	-.04671	-.00086	.00073	.01611	-.03728	.00844	.99144	.00844

RUN NO. 1853/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.206	-5.625	.05520	.06890	.26120	-.01950	.05690	-.08720	.20250	3.94970	-5.70150	3.94970
3.890	-3.650	.06610	.07910	.16660	-.02800	.06520	-.04880	.12600	3.72160	-3.70710	3.72160
4.032	.198	.07330	.08510	.01610	-.03200	.07560	.00160	.00450	3.93890	.18830	3.93890
3.768	3.951	.06620	.07020	-.15050	-.02770	.06760	.05510	-.12920	3.60950	3.98890	3.60950
4.042	5.905	.05560	.05630	-.24260	-.02310	.05640	.09340	-.20360	3.81270	5.96070	3.81270
	GRADIENT	.00002	-.00116	-.04171	.00003	.00033	.01367	-.03357	-.01445	1.01251	-.01445

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M072) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1854/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.148	-4.029	.07120	.09680	.22780	-.04850	.07800	-.07810	.17530	-8.12000	-3.87230	-8.12000
-8.253	.255	.08340	.10270	.00150	-.05360	.09060	.00560	-.00760	-8.16750	.25980	-8.16750
-7.998	4.312	.07100	.08090	-.22590	-.04290	.08170	.08930	-.18830	-7.95690	4.17740	-7.95690
	GRADIENT	.00000	-.00188	-.05438	.00065	.00047	.02006	-.04358	.01927	.96507	.01927

RUN NO. 1855/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-6.281	-4.041	.07010	.09360	.21950	-.04370	.07770	-.07600	.16970	-6.28600	-3.90050	-6.28600
-6.124	.194	.08200	.09800	.00190	-.04650	.09060	.00480	-.00710	-6.06850	.19920	-6.06850
-5.981	4.333	.06990	.07890	-.22110	-.03970	.08020	.08670	-.18410	-5.97830	4.20480	-5.97830
	GRADIENT	-.00001	-.00174	-.05261	.00047	.00031	.01943	-.04225	.03680	.96789	.03680

RUN NO. 1856/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.007	-4.137	.06670	.08780	.21850	-.03940	.07450	-.07580	.16900	-4.05630	-4.01900	-4.05690
-4.122	.195	.08000	.09720	.00910	-.04620	.08610	.00200	-.00050	-4.09390	.19960	-4.09390
-3.979	4.323	.06810	.07580	-.21080	-.03950	.07650	.08380	-.17680	-4.01360	4.21010	-4.01360
	GRADIENT	.00019	-.00139	-.05072	-.00002	.00026	.01886	-.04086	.00501	.97265	.00501

RUN NO. 1857/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-2.387	-4.207	.06550	.08500	.21590	-.03590	.07230	-.07370	.16660	-2.47210	-4.10840	-2.47210
-2.156	.200	.07870	.09280	.00600	-.03810	.08680	.00230	-.00260	-2.15630	.20120	-2.15630
-1.899	4.315	.06710	.07310	-.20260	-.03230	.07620	.07990	-.17050	-1.97540	4.22100	-1.97540
	GRADIENT	.00022	-.00136	-.04909	.00041	.00049	.01802	-.03954	.05844	.97742	.05844

RUN NO. 1858/ 0 RN/L = 3.49 GRADIEN. INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.011	-4.368	.06330	.08080	.21650	-.03140	.06860	-.07350	.16760	-.12780	-4.30410	-.12780
-.019	-.321	.07630	.09150	.02820	-.03870	.08220	-.00480	.01630	-.08870	-.29250	-.08870
.060	3.548	.07020	.07670	-.14990	-.03410	.07570	.05900	-.12770	-.05530	3.54190	-.05530
	GRADIENT	.00089	-.00049	-.04629	-.00035	.00092	.01674	-.03731	.00916	.99123	.00916

1A105A, AEDC PWT-TF470, O T S WO/SILTS (T8M072) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1959/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
2.238	-3.700	.06600	.08120	.17660	-.03020	.06770	-.05550	.13440	2.08430	-3.72950	2.08430
2.108	.214	.07340	.08550	.01020	-.03420	.07930	.00180	.00020	2.04440	.20810	2.04440
1.698	3.789	.06770	.07270	-.15370	-.03040	.07210	.06080	-.13200	1.56840	3.80290	1.56840
	GRADIENT	.00025	-.00110	-.04408	-.00004	.00062	.01552	-.03555	-.06797	1.00584	-.06797

RUN NO. 1860/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
3.948	-3.707	.06430	.07990	.17080	-.02930	.06490	-.05290	.13020	3.78160	-3.76050	3.78160
4.041	.213	.07200	.08360	.00910	-.03370	.07540	.00290	-.00100	3.94940	.20390	3.94940
3.786	3.949	.06500	.06850	-.15700	-.02820	.06730	.06000	-.13350	3.63620	3.98450	3.63620
	GRADIENT	.00011	-.00147	-.04280	.00013	.00033	.01474	-.03443	-.01848	1.01157	-.01848

1A105A, AEDC PWT-TF470, O T S WO/SILTS (T8M073) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1861/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.251	-6.055	.04960	.07800	.35110	-.04700	.06630	-.13290	.26940	-8.27230	-5.84540	-8.27230
-8.432	-3.968	.06740	.09370	.22300	-.04970	.07450	-.07990	.17240	-8.39200	-3.82450	-8.39200
-8.295	.374	.07920	.09850	-.00430	-.05240	.08770	.00640	-.01130	-8.20230	.37120	-8.20230
-8.033	4.350	.06560	.07590	-.22910	-.04270	.07650	.09060	-.18870	-7.98020	4.22190	-7.98020
-7.695	6.358	.04910	.05620	-.34890	-.04380	.06810	.14220	-.27840	-7.68980	6.17300	-7.68980
	GRADIENT	-.00017	-.00209	-.05432	.00082	.00028	.02049	-.04339	.04942	.96732	.04942

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M073) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 15.000 OB-ELV = 5.000

RUN NO. 1862/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.304	-6.197	.04500	.06900	.34510	-.03160	.06590	-.13240	.26640	-4.39650	-6.03630	-4.39650
-4.477	-4.125	.06160	.08370	.22690	-.03990	.07090	-.08190	.17560	-4.50000	-4.00980	-4.50000
-4.135	.233	.07620	.09370	.00950	-.04550	.08310	.00000	.00160	-4.09560	.23420	-4.09560
-4.053	4.325	.06240	.06990	-.22080	-.03590	.07280	.08710	-.18190	-4.05780	4.22240	-4.05780
-3.558	6.311	.04640	.05160	-.33540	-.03720	.06350	.13640	-.26800	-3.62380	6.16720	-3.62380
	GRADIENT	.00013	-.00159	-.05295	.00045	.00025	.01999	-.04228	.05277	.97427	.05277

RUN NO. 1863/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.093	-6.329	.04250	.06310	.32320	-.02190	.06250	-.12110	.24660	-.27470	-6.24170	-.27470
-.182	-4.431	.05730	.07600	.22510	-.02900	.06660	-.07940	.17370	-.29550	-4.36110	-.29550
-.175	-.198	.07250	.08870	.01870	-.03710	.07890	-.00330	.01060	-.22790	-.16930	-.22790
-.115	3.569	.06500	.07220	-.16340	-.03180	.07160	.06350	-.13510	-.20480	3.56130	-.20480
-.071	5.674	.05310	.05780	-.27900	-.03160	.06220	.11230	-.22450	-.21410	5.64580	-.21410
	GRADIENT	.00102	-.00040	-.04857	-.00038	.00067	.01787	-.03860	.01143	.99034	.01143

RUN NO. 1864/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.217	-5.605	.05230	.05880	.25980	-.02250	.05740	-.09350	.20070	3.98750	-5.66660	3.98750
3.906	-3.606	.05900	.07500	.16430	-.03060	.06260	-.05400	.12380	3.75740	-3.65420	3.75740
4.022	.245	.06790	.07900	.00700	-.03290	.07290	.00300	-.00190	3.94080	.23510	3.94080
3.696	3.974	.06090	.06470	-.16280	-.02810	.06410	.06330	-.13630	3.56430	4.00010	3.56430
3.986	5.920	.05030	.05150	-.26050	-.02920	.05520	.10600	-.21290	3.78800	5.96080	3.78800
	GRADIENT	.00026	-.00135	-.04314	.00032	.00021	.01547	-.03451	-.02508	1.00983	-.02508

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M074) (08 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1865/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.476	-6.069	.04680	.07530	.35230	-.04220	.06750	-.13490	.26860	-8.48680	-5.89080	-8.48680
-8.496	-3.899	.06340	.09010	.22360	-.04630	.07270	-.08240	.17390	-8.45460	-3.78130	-8.45460
-8.355	.462	.07500	.09500	-.00980	-.04820	.08420	.00460	-.01180	-8.26860	.46050	-8.26860
-7.965	4.448	.06190	.07260	-.22800	-.04090	.07440	.09020	-.18520	-7.91450	4.33920	-7.91450
-7.736	6.449	.04820	.05600	-.34000	-.04230	.06800	.13880	-.26930	-7.72430	6.28980	-7.72430
	GRADIENT	-.00014	-.00205	-.05409	.00063	.00024	.02066	-.04301	.06436	.97278	.06436

RUN NO. 1866/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.376	-6.214	.03970	.06370	.34740	-.02880	.06560	-.13250	.26280	-4.43530	-6.08550	-4.43530
-4.605	-4.109	.05630	.07820	.23380	-.03620	.06890	-.08680	.18090	-4.60520	-4.01890	-4.60520
-4.233	.315	.07190	.08900	.00110	-.04010	.08080	-.00030	-.00230	-4.18510	.31330	-4.18510
-3.958	4.449	.05740	.06990	-.22530	-.03760	.06760	.09030	-.18360	-3.94890	4.36550	-3.94890
-3.565	6.363	.04430	.04930	-.33610	-.03710	.06270	.13670	-.26500	-3.60010	6.24670	-3.60010
	GRADIENT	.00017	-.00093	-.05364	-.00017	-.00012	.02068	-.04258	.07690	.97974	.07690

RUN NO. 1867/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.244	-6.373	.03810	.05810	.33210	-.02080	.05980	-.12670	.25010	-.37920	-6.29550	-.37920
-.319	-4.498	.05120	.06910	.23640	-.02760	.06340	-.09660	.18240	-.40050	-4.43470	-.40050
-.334	-.226	.06840	.08430	.02320	-.03670	.07530	-.00660	.01540	-.36940	-.19680	-.36940
-.297	3.509	.06070	.06870	-.16560	-.03050	.06770	.06490	-.13490	-.36000	3.50700	-.36000
-.248	5.608	.04910	.05300	-.28140	-.03100	.06050	.11560	-.22260	-.35350	5.58820	-.35350
	GRADIENT	.00125	.00004	-.05020	-.00040	.00059	.01692	-.03962	.00511	.99190	.00511

RUN NO. 1868/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.249	-5.525	.04710	.04050	.26850	-.02070	.05580	-.10030	.20410	4.05890	-5.58630	4.05890
3.905	-3.514	.05340	.06620	.17150	-.03020	.06110	-.06150	.13080	3.78860	-3.55880	3.78860
3.914	.327	.06300	.07460	.01080	-.03280	.06940	.00060	.00190	3.85970	.31600	3.85970
3.608	3.992	.05480	.05950	-.16410	-.02940	.05900	.06670	-.13640	3.50870	4.01550	3.50870
3.876	5.944	.04660	.04750	-.26840	-.02510	.05500	.10950	-.21300	3.72290	5.97910	3.72290
	GRADIENT	.00021	-.00087	-.04469	.00010	-.00026	.01707	-.03559	.03685	1.00922	-.03685

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M075) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1694/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.105	-7.946	-.01380	.00550	.42170	-.00820	-.02220	-.09890	.29520	-8.10390	-7.82910	-8.10390
-8.076	-3.872	.00710	.02610	.21130	-.01740	-.01000	-.04750	.14800	-8.03020	-3.80850	-8.03020
-8.120	.330	.01460	.03060	-.00840	-.02340	-.00320	.01300	-.01980	-8.05330	.32520	-8.05330
-7.922	4.170	.00400	.01160	-.19740	-.01480	-.01130	.06540	-.16630	-7.87100	4.11030	-7.87100
-7.864	8.190	-.01820	-.01570	-.42140	-.00310	-.01830	.11970	-.31800	-7.84850	8.07570	-7.84850
	GRADIENT	-.00035	-.00176	-.05084	.00030	-.00013	.01404	-.03909	.01940	.98462	.01940

RUN NO. 1695/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.188	-8.047	-.01680	.00010	.42800	.00180	-.01960	-.09840	.29520	-4.24250	-7.94570	-4.24250
-4.129	-3.939	.00680	.02130	.20720	-.00990	-.00940	-.04520	.14630	-4.12760	-3.88190	-4.12760
-4.002	.185	.01460	.02760	.01140	-.01820	-.00260	.00760	-.00480	-3.97080	.18420	-3.97080
-3.828	4.161	.00360	.00870	-.18920	-.01090	-.01210	.06190	-.15890	-3.82760	4.10370	-3.82760
-3.792	8.163	-.01890	-.01750	-.41980	.00210	-.01700	.11700	-.31300	-3.84250	8.06350	-3.84250
	GRADIENT	-.00038	-.00154	-.04893	-.00014	-.00032	.01322	-.03767	.03704	.98590	.03704

RUN NO. 1696/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.132	-8.249	-.00990	.00400	.43530	.00520	-.01950	-.09590	.29130	-.25650	-8.18080	-.25650
-.223	-4.025	.00980	.01990	.20120	-.00630	-.01070	-.03950	.13970	-.28210	-3.97730	-.28210
-.207	-.079	.01480	.02490	.02600	-.01450	-.00290	.00460	.00680	-.24710	-.05150	-.24710
-.164	3.839	.00940	.01290	-.15140	-.00870	-.00960	.05020	-.12790	-.22560	3.84750	-.22560
-.075	7.830	-.01070	-.01050	-.37420	.00450	-.01840	.10400	-.27910	-.19540	7.82070	-.19540
	GRADIENT	-.00005	-.00089	-.04483	-.00031	.00014	.01141	-.03403	.00719	.99494	.00719

RUN NO. 1697/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.257	-7.801	-.00880	.00160	.37780	.00680	-.02060	-.08140	.25500	4.06910	-7.85370	4.06910
4.164	-3.823	.01070	.01640	.16490	-.00600	-.00960	-.02850	.11260	4.07570	-3.80740	4.07570
4.098	.193	.01160	.02160	.01440	-.01080	-.00310	.00870	-.00410	4.05350	.19080	4.05350
3.843	4.102	.00790	.00830	-.14210	-.00560	-.00970	.04680	-.12390	3.76440	4.12700	3.76440
3.893	7.974	-.01220	-.01350	-.36200	.01000	-.01760	.09830	-.26660	3.73600	8.01460	3.73600
	GRADIENT	-.00035	-.00101	-.03873	.00004	-.00001	.00950	-.02983	-.03913	1.00754	-.03913

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M075) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1728/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
8.168	-7.697	-.00260	.00550	.34980	.00530	-.01710	-.07040	.23130	7.94360	-7.82020	7.94360
8.176	-3.771	.01160	.01580	.17550	-.00530	-.00830	-.02800	.11290	8.05380	-3.83830	8.05380
7.799	.145	.01280	.02520	.02490	-.00760	-.00150	.01080	-.00380	7.71860	.13970	7.71860
8.122	4.132	.00850	.00980	-.13360	-.00210	-.00950	.04800	-.12260	6.00580	4.18390	8.00580
8.189	8.096	-.00680	-.00950	-.32690	.00820	-.01540	.09720	-.25130	7.98270	8.20390	7.98270
	GRADIENT	-.00039	-.00077	-.03911	.00041	-.00016	.00962	-.02980	-.00583	1.01511	-.00583

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M076) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1698/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.283	-5.997	.00750	.02670	.32830	-.00430	-.00250	-.07320	.23190	-8.26190	-5.87660	-8.26190
-8.344	-3.871	.02220	.04060	.19620	-.01190	.00910	-.03840	.13630	-8.29360	-3.79130	-8.29360
-8.282	.360	.03280	.04740	-.00060	-.01910	.02130	.00180	-.00580	-8.20390	.35770	-8.20390
-7.998	4.243	.01780	.02430	-.19920	-.01050	.00500	.05660	-.16150	-7.94170	4.16610	-7.94170
-7.761	6.244	.00290	.00630	-.32090	-.00160	-.00550	.08870	-.24860	-7.72940	6.13050	-7.72940
	GRADIENT	-.00050	-.00196	-.04870	.00014	-.00045	.01168	-.03666	.04304	.98078	.04304

RUN NO. 1699/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.237	-6.092	.00370	.01980	.33350	.00190	-.00680	-.07460	.23400	-4.28040	-5.99200	-4.28040
-4.439	-4.052	.01740	.03220	.20830	-.00560	.00270	-.04040	.14540	-4.44350	-3.98050	-4.44350
-4.110	.193	.02790	.03980	.01260	-.01510	.01580	.00230	.00160	-4.07790	.19260	-4.07790
-3.925	4.261	.01340	.01710	-.19740	-.00790	-.00110	.05660	-.15990	-3.93180	4.18980	-3.93180
-3.641	6.227	-.00040	.00110	-.31270	.00140	-.00950	.08470	-.23980	-3.68470	6.12970	-3.68470
	GRADIENT	-.00046	-.00179	-.04879	-.00029	-.00043	.01166	-.03671	.06174	.98291	.06174

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M076) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1700/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.148	-6.107	.00240	.01520	.32020	.00570	-.01070	-.06940	.22260	-.27000	-6.04330	-.27000
-.201	-4.289	.01640	.02660	.20700	-.00100	-.00280	-.03880	.14490	-.28780	-4.23590	-.28780
-.210	-.264	.02470	.03470	.02420	-.01000	.01110	.00400	.00870	-.26280	-.23650	-.26280
-.141	3.626	.01830	.02050	-.14880	-.00600	.00030	.04160	-.12060	-.22400	3.62960	-.22400
-.039	5.698	.00620	.00610	-.27010	.00240	-.01020	.07090	-.20460	-.15930	5.69090	-.15930
	GRADIENT	.00025	-.00075	-.04495	-.00064	.00041	.01016	-.03354	.00805	.99371	.00805

RUN NO. 1701/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.188	-5.695	.00730	.01500	.26480	.00300	-.01060	-.05280	.18420	4.00450	-5.74890	4.00450
3.865	-3.706	.01640	.02210	.15910	-.00350	-.00300	-.02420	.10870	3.74150	-3.74580	3.74150
4.014	.199	.01940	.02890	.01570	-.00810	.00720	.00870	-.00180	3.94460	.19510	3.94460
3.775	4.000	.01290	.01370	-.14280	-.00330	-.00360	.03950	-.11960	3.65770	4.02940	3.65770
4.000	5.992	.00460	.00170	-.25500	.00470	-.01130	.06830	-.19740	3.83340	6.03530	3.83340
	GRADIENT	-.00345	-.00108	-.03916	.00002	-.00007	.00827	-.02962	-.01059	1.00892	-.01059

RUN NO. 1702/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.345	-5.706	.00610	.01100	.25800	.00580	-.00990	-.05250	.18150	6.15230	-5.78160	6.15230
6.072	-3.717	.01430	.01920	.15840	.00080	-.00280	-.02540	.11030	5.93180	-3.76910	5.93180
5.932	.208	.01800	.02660	.01810	-.00320	.00780	.00630	.00090	5.83570	.20000	5.83570
5.641	4.012	.01140	.01250	-.13530	.00180	-.00190	.03600	-.11370	5.51270	4.04490	5.51270
6.011	6.056	.00290	.00020	-.23980	.00760	-.01060	.06380	-.18850	5.83860	6.11120	5.83860
	GRADIENT	-.00037	-.00085	-.03799	.00012	.00013	.00794	-.02898	-.05407	1.01099	-.05407

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M077) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1703/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.289	-6.014	.03160	.05090	.33420	-.01180	.02470	-.07900	.23630	-8.26770	-5.87450	-8.26770
-8.330	-3.935	.04470	.06370	.20790	-.01830	.03700	-.04850	.14850	-8.27730	-3.84050	-8.27730
-8.308	.310	.05400	.06990	-.00080	-.02580	.04730	.00450	-.01000	-8.22130	.30880	-8.22130
-8.007	4.256	.04040	.04790	-.18820	-.01820	.02990	.04630	-.14980	-7.94060	4.17100	-7.94060
-7.753	6.250	.02320	.02730	-.31530	-.00860	.01350	.09140	-.24900	-7.71510	6.12210	-7.71510
	GRADIENT	-.00049	-.00189	-.04837	-.00001	-.00083	.01159	-.03643	.04076	.97817	.04076

RUN NO. 1704/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.249	-6.147	.02140	.03800	.34120	-.00160	.01500	-.08030	.23890	-4.30440	-6.03080	-4.30440
-4.413	-4.093	.03340	.04840	.21550	-.00780	.02280	-.04800	.15370	-4.42370	-4.00990	-4.42370
-4.116	.188	.04580	.05770	.02310	-.01810	.03800	-.00910	.01510	-4.08100	.18830	-4.08100
-3.938	4.270	.02960	.03490	-.17830	-.01160	.01630	.04460	-.14400	-3.94370	4.19000	-3.94370
-3.665	6.246	.01400	.01690	-.31100	-.00240	.00270	.08920	-.24390	-3.71350	6.13360	-3.71350
	GRADIENT	-.00043	-.00158	-.04708	-.00047	-.00074	.01106	-.03557	.05759	.98059	.05759

RUN NO. 1705/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.088	-6.235	.01420	.02770	.32720	.00690	.00400	-.07900	.23270	-.23930	-6.16900	-.23930
-.189	-4.391	.01910	.02980	.22210	.00010	.01130	-.04690	.15830	-.29400	-4.33500	-.29400
-.210	-.078	.03680	.04580	.02740	-.01000	.02770	-.01080	.02170	-.26660	-.05240	-.26660
-.136	3.650	.03000	.03480	-.13350	-.00660	.01560	.03020	-.10710	-.22970	3.64960	-.22970
-.044	5.685	.01540	.01550	-.26200	-.00030	-.00070	.07290	-.20520	-.18470	5.67260	-.18470
	GRADIENT	.00143	.00070	-.04424	-.00087	.00062	.00956	-.03297	.00795	.99290	.00795

RUN NO. 1711/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.192	-5.665	.01510	.02280	.26250	.00410	-.00310	-.05420	.18630	3.99390	-5.71810	3.99390
4.106	-3.710	.02300	.02870	.16750	-.00070	.00590	-.02540	.11490	3.96630	-3.76170	3.96630
3.991	.203	.02830	.03590	.01830	-.00730	.01740	.00230	.00490	3.91290	.19760	3.91290
3.788	3.991	.02110	.02340	-.13900	-.00230	.00470	.03590	-.11840	3.66150	4.01800	3.66150
4.023	5.960	.01170	.00970	-.24080	.00490	-.00740	.06480	-.19390	3.84510	5.99890	3.84510
	GRADIENT	-.00024	-.00067	-.03979	-.00022	-.00014	.00796	-.03019	-.03944	1.00896	-.03944

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M078) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1707/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.061	-6.002	.04770	.06860	.34710	-.02040	.04620	-.09200	.25020	-8.04810	-5.85050	-8.04810
-8.373	-3.962	.06380	.08410	.21800	-.02610	.06320	-.05410	.15490	-8.31970	-3.85970	-8.31970
-8.299	.262	.07160	.08940	.01070	-.03150	.07130	-.00350	.00100	-8.21030	.26380	-8.21030
-7.996	4.268	.05740	.06550	-.19610	-.02470	.05270	.05770	-.16240	-7.92910	4.17700	-7.92910
-7.784	6.255	.04190	.04680	-.32160	-.01640	.03950	.10350	-.26020	-7.74800	6.11870	-7.74800
	GRADIENT	-.00075	-.00223	-.05031	.00016	-.00125	.01357	-.03854	.04727	.97656	.04727

RUN NO. 1708/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.124	-6.130	.03770	.05530	.33530	-.00550	.03360	-.08330	.23720	-4.18500	-6.00840	-4.18500
-4.452	-4.110	.05370	.07060	.22200	-.01330	.05000	-.05310	.15830	-4.46300	-4.02100	-4.46300
-4.111	.186	.06250	.07590	.02200	-.02240	.05980	-.00650	.01190	-4.07440	.18560	-4.07440
-3.958	4.276	.04890	.05470	-.18250	-.01680	.04010	.05110	-.15060	-3.96570	4.18880	-3.96570
-3.665	6.238	.03370	.03760	-.30460	-.00870	.02520	.09250	-.24250	-3.71620	6.11710	-3.71620
	GRADIENT	-.00055	-.00187	-.04822	-.00043	-.00115	.01241	-.03681	.05956	.97899	.05956

RUN NO. 1710/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.067	-6.293	.03220	.04660	.31920	-.00290	.02250	-.07740	.22620	-.22620	-6.21940	-.22620
-.128	-4.289	.04340	.05530	.20870	-.00730	.03230	-.04220	.14430	-.23360	-4.22980	-.23360
-.148	-.166	.05430	.06430	.02400	-.01660	.04860	.00010	.00930	-.20120	-.14010	-.20120
-.065	3.852	.04420	.04890	-.13740	-.01010	.03090	.03140	-.11030	-.16180	3.84730	-.16180
.049	5.747	.03530	.03770	-.25390	-.00470	.02030	.07240	-.20030	-.09790	5.72960	-.09790
	GRADIENT	.00011	-.00077	-.04252	-.00035	-.00015	.00905	-.03128	.00882	.99211	.00882

RUN NO. 1709/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.114	-5.663	.02970	.03850	.24880	.00230	.01310	-.05700	.18050	3.90460	-5.72000	3.90460
3.838	-3.676	.03520	.04120	.14950	-.00360	.02050	-.02260	.10060	3.69800	-3.71650	3.69800
3.948	.190	.04130	.05000	.01890	-.01060	.03140	-.00170	.00610	3.86870	.18570	3.86870
3.794	3.983	.03340	.03620	-.12130	-.00460	.01790	.02760	-.10260	3.66410	4.00940	3.66410
4.067	5.942	.02500	.02360	-.22560	.00150	.00730	.06540	-.18610	3.87540	5.98600	3.87540
	GRADIENT	-.00023	-.00064	-.03535	-.00014	-.00033	.00655	-.02652	-.00427	1.00874	-.00427

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M079) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1712/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.044	-6.082	.05590	.07960	.37960	-.03660	.06640	-.12640	.28220	-8.06430	-5.87370	-8.06430
-8.351	-3.992	.07380	.09460	.23790	-.04220	.07870	-.07220	.17430	-8.30980	-3.85100	-8.30980
-8.073	.181	.08560	.10420	.01840	-.05090	.08870	.00090	.00120	-7.98440	.18650	-7.98440
-7.964	4.294	.07130	.07820	-.21020	-.04410	.07390	.08150	-.18290	-7.91170	4.16590	-7.91170
-7.723	6.304	.05460	.05840	-.34240	-.03590	.06300	.13680	-.28790	-7.72170	6.11090	-7.72170
	GRADIENT	-.00029	-.00197	-.05408	-.00023	-.00057	.01855	-.04311	.04812	.96756	.04812

RUN NO. 1713/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-3.968	-6.181	.05350	.07410	.35810	-.02350	.06240	-.11550	.26420	-4.08670	-6.01740	-4.08670
-4.434	-4.136	.06820	.08570	.23530	-.03130	.07170	-.07010	.17240	-4.47030	-4.01770	-4.47030
-4.109	.181	.08120	.09640	.02590	-.04190	.08280	-.00110	.00710	-4.07730	.18290	-4.07730
-3.975	4.319	.06690	.07150	-.19010	-.03650	.06610	.07180	-.16690	-4.00870	4.20190	-4.00870
-3.615	6.286	.05280	.05560	-.31520	-.02990	.05550	.12270	-.26530	-3.72220	6.12090	-3.72220
	GRADIENT	-.00313	-.00165	-.05030	-.00063	-.00064	.01678	-.04011	.05485	.97210	.05485

RUN NO. 1714/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.096	-6.284	.04920	.06520	.32830	-.01660	.05200	-.09950	.24200	-.12010	-6.20350	-.12010
-.009	-4.390	.06180	.07560	.23080	-.02290	.06080	-.06300	.16720	-.15180	-4.32580	-.15180
-.035	-.236	.07540	.08710	.03510	-.03400	.07510	-.00320	.01590	-.10550	-.20780	-.10550
.042	3.591	.06750	.07130	-.13980	-.02840	.06340	.04770	-.12190	-.07710	3.58580	-.07710
.166	5.671	.05620	.05720	-.25480	-.02170	.05070	.09120	-.21330	-.02480	5.64960	-.02480
	GRADIENT	.00075	-.00049	-.04644	-.00072	.00037	.01388	-.03623	.00939	.99130	.00939

RUN NO. 1715/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.196	-5.641	.05230	.06320	.26060	-.01510	.04610	-.07120	.19480	3.94900	-5.70820	3.94900
3.909	-3.677	.06090	.07090	.17150	-.02340	.05440	-.03820	.12160	3.74380	-3.72790	3.74380
4.074	.197	.06740	.07740	.02720	-.02790	.06360	.00090	.00630	3.97990	.18660	3.97990
3.757	3.956	.05920	.06140	-.13180	-.02210	.05200	.04260	-.11960	3.60750	3.98590	3.60750
3.816	5.849	.05120	.04960	-.22650	-.01580	.04270	.07900	-.19600	3.59710	5.89320	3.59710
	GRADIENT	-.00021	-.00123	-.03972	.00016	-.00030	.01058	-.03159	-.01746	1.01059	-.01746

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M080) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1716/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.026	-6.188	.05660	.08230	.39560	-.04050	.06970	-.13880	.29450	-8.05450	-5.97490	-8.05450
-8.462	-3.958	.07800	.10020	.24570	-.04910	.08330	-.07900	.17990	-8.41600	-3.81550	-8.41600
-8.303	.348	.08980	.10930	.00710	-.05760	.09280	.00540	-.00870	-8.20840	.34560	-8.20840
-7.999	4.309	.07360	.08080	-.22820	-.04910	.07830	.09420	-.19830	-7.95130	4.17290	-7.95130
-7.690	6.318	.05580	.06160	-.36730	-.03910	.06930	.15170	-.30550	-7.70060	6.11430	-7.70060
	GRADIENT	-.00049	-.00228	-.05730	-.00003	-.00056	.02093	-.04572	.05610	.96635	.05610

RUN NO. 1717/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.176	-6.199	.05370	.07620	.37850	-.02710	.06680	-.13250	.28270	-4.30150	-6.02850	-4.30150
-4.438	-4.148	.07280	.09150	.25080	-.03660	.07830	-.08250	.18590	-4.47750	-4.02860	-4.47750
-4.130	.181	.08720	.10400	.02070	-.04760	.09050	.00030	.00320	-4.09970	.18130	-4.09970
-4.006	4.324	.06990	.07480	-.21600	-.04080	.07120	.08860	-.18920	-4.04730	4.20320	-4.04730
-3.578	6.292	.05480	.05900	-.33850	-.03220	.06260	.13900	-.28450	-3.70130	6.12320	-3.70130
	GRADIENT	-.00031	-.00193	-.05508	-.00051	-.00081	.02019	-.04426	.05105	.97163	.05105

RUN NO. 1718/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.113	-6.279	.04930	.06680	.35100	-.01810	.05860	-.11730	.26150	-.11300	-6.20170	-.11300
.008	-4.412	.02570	.04080	.25880	-.02510	.07030	-.09110	.19030	-.13970	-4.35190	-.13970
-.058	-.144	.07130	.08410	.03800	-.03790	.08490	-.00540	.01800	-.12520	-.11860	-.12520
.024	3.601	.05000	.05510	-.13980	-.03420	.07510	.05360	-.12290	-.09620	3.59540	-.09620
.169	5.689	.03190	.03430	-.26000	-.02870	.06470	.10150	-.21900	-.02650	5.66790	-.02650
	GRADIENT	.00321	.00198	-.04979	-.00118	.00066	.01683	-.03912	.00538	.99183	.00538

RUN NO. 1719/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.196	-5.615	.06050	.07260	.26900	-.02220	.05800	-.08530	.20180	3.94110	-5.69120	3.94110
3.889	-3.667	.07090	.08220	.17150	-.02980	.06790	-.04660	.12230	3.72070	-3.72320	3.72070
4.060	.196	.07850	.08960	.02150	-.03470	.07700	.00230	.00210	3.96720	.18680	3.96720
3.768	3.949	.06830	.07170	-.13590	-.02870	.06380	.05230	-.12360	3.61230	3.98760	3.61230
4.079	5.905	.05870	.05860	-.23500	-.02230	.05410	.09370	-.20420	3.84660	5.96380	3.84660
	GRADIENT	-.00033	-.00136	-.04036	.00014	-.00052	.01299	-.03228	-.01385	1.01251	-.01385

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M081) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1720/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.419	-6.247	.05730	.08590	.38020	-.04230	.07030	-.13490	.28430	-8.45670	-6.01300	-8.45670
-8.359	-3.961	.07790	.10130	.23350	-.04890	.08320	-.07550	.17120	-8.32190	-3.81710	-8.32190
-8.324	.355	.08800	.10820	.01260	-.05570	.09120	.00410	-.00510	-8.23400	.35340	-8.23400
-7.985	4.315	.07490	.08360	-.20520	-.04860	.07880	.08560	-.18020	-7.94080	4.17940	-7.94080
-7.747	6.320	.05870	.06540	-.33740	-.04220	.06900	.14160	-.28410	-7.76350	6.10840	-7.76350
	GRADIENT	-.00032	-.00208	-.05298	.00001	-.00050	.01945	-.04244	.04566	.96622	.04566

RUN NO. 1721/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.183	-6.219	.05630	.08030	.35220	-.03180	.06700	-.12350	.26450	-4.31440	-6.04490	-4.31440
-4.405	-4.133	.07280	.09290	.23440	-.03940	.07770	-.07630	.17340	-4.45460	-4.00780	-4.45460
-4.126	.185	.09380	.10110	.02570	-.04670	.08660	-.00090	.00610	-4.09970	.18440	-4.09970
-3.982	4.310	.07120	.07770	-.19230	-.04180	.07290	.07970	-.17090	-4.02550	4.18740	-4.02550
-3.599	6.304	.05720	.06220	-.31330	-.03660	.06280	.13030	-.26560	-3.72070	6.13460	-3.72070
	GRADIENT	-.00017	-.00177	-.05052	-.00030	-.00055	.01847	-.04076	.05107	.97064	.05107

RUN NO. 1722/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.121	-6.277	.05290	.07220	.33480	-.02460	.06030	-.11470	.25080	-.10240	-6.20110	-.10240
.028	-4.410	.06590	.08190	.23870	-.03020	.06840	-.07440	.17530	-.12160	-4.34810	-.12160
-.015	-.155	.07350	.08700	.03410	-.04030	.08200	-.00250	.01340	-.08720	-.12940	-.08720
.069	3.601	.05230	.05760	-.14300	-.03480	.07300	.05760	-.12840	-.05450	3.59510	-.05450
.200	5.683	.04400	.04720	-.25850	-.02940	.06120	.10320	-.21920	.00370	5.66140	.00370
	GRADIENT	-.00162	-.00294	-.04766	-.00061	.00063	.01649	-.03791	.00837	.99152	.00837

RUN NO. 1723/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.204	-5.630	.05650	.06980	.27400	-.02340	.05450	-.08860	.20590	3.94740	-5.70790	3.94740
3.894	-3.652	.06740	.08070	.17930	-.03080	.06380	-.05020	.12900	3.72430	-3.71120	3.72430
4.068	.198	.07470	.08670	.02760	-.03500	.07310	.00170	.00590	3.97300	.18730	3.97300
3.747	3.954	.06600	.06950	-.14120	-.03090	.06150	.05650	-.12940	3.58910	3.99010	3.58910
4.058	5.906	.05560	.05590	-.23850	-.02600	.05090	.09770	-.20910	3.82630	5.96060	3.82630
	GRADIENT	-.00018	-.00146	-.04212	-.00002	-.00029	.01403	-.03396	-.01743	1.01248	-.01743

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M082) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1724/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.127	-6.146	.05490	.08360	.37350	-.04920	.06720	-.13520	.28040	-8.16530	-5.92020	-8.16530
-8.431	-3.962	.07360	.09920	.23570	-.05290	.07710	-.07780	.17420	-8.39700	-3.80850	-8.39700
-8.299	.356	.08430	.10320	.00800	-.05710	.08670	.00600	-.00910	-8.21340	.35540	-8.21340
-7.997	4.324	.07040	.07990	-.21830	-.04730	.07460	.09110	-.19050	-7.95690	4.18720	-7.95690
-7.766	6.322	.05220	.05890	-.34850	-.04590	.06520	.14800	-.29140	-7.77820	6.11950	-7.77820
	GRADIENT	-.00034	-.00228	-.05476	.00065	-.00026	.02037	-.04399	.05296	.96498	.05296

RUN NO. 1725/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.227	-6.196	.05230	.07700	.35290	-.03540	.06550	-.12680	.26570	-4.34840	-6.02360	-4.34840
-4.421	-4.154	.06890	.09040	.23450	-.04300	.07440	-.07810	.17360	-4.46400	-4.03130	-4.46400
-4.124	.190	.08110	.09910	.02200	-.04850	.08320	.00040	.00290	-4.09630	.19370	-4.09630
-4.002	4.336	.06790	.07530	-.20160	-.04310	.07040	.08520	-.17760	-4.03510	4.22310	-4.03510
-3.593	6.278	.05340	.05790	-.31760	-.04240	.06010	.13490	-.26760	-3.69830	6.11840	-3.69830
	GRADIENT	-.00009	-.00175	-.05135	-.00002	-.00045	.01923	-.04135	.05079	.97226	.05079

RUN NO. 1726/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.087	-6.291	.06560	.08630	.33140	-.02910	.05730	-.11650	.24810	-.12320	-6.21200	-.12320
.021	-4.409	.07030	.08760	.23050	-.03290	.06630	-.07530	.17100	-.12050	-4.34600	-.12050
.012	-.174	.07720	.09220	.03320	-.04260	.07790	-.00240	.01250	-.05980	-.14840	-.05980
.074	3.586	.07030	.07630	-.14270	-.03750	.06930	.06050	-.12920	-.04200	3.57930	-.04200
.138	5.683	.05910	.06340	-.25760	-.03300	.05810	.10810	-.21970	-.04220	5.65770	-.04220
	GRADIENT	.00003	-.00136	-.04668	-.00061	.00042	.01699	-.03795	.00991	.99131	.00991

RUN NO. 1727/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
3.879	-3.613	.06490	.08020	.17760	-.03430	.06200	-.05130	.12730	3.71440	-3.66610	3.71440
3.976	.206	.07250	.08400	.02150	-.03640	.07110	.00290	.00080	3.88570	.19600	3.88370
3.792	3.954	.06400	.06720	-.14720	-.03350	.05960	.06250	-.13520	3.64050	3.98920	3.64050
4.034	5.907	.05380	.05520	-.24520	-.03110	.04990	.10390	-.21360	3.81190	5.95860	3.81190
	GRADIENT	-.00011	-.00171	-.04292	.00010	-.00031	.01504	-.03469	-.00960	1.01171	-.00960

1A105A, AEDC PWT-TF470, O T S W0/SILTS (T8M083) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1788/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.129	-7.959	-.01340	.00640	.42210	-.00520	-.01770	-.10140	.29820	-8.13090	-7.83800	-8.13090
-8.101	-3.864	.00660	.02480	.20030	-.01570	-.00910	-.04740	.14370	-8.05700	-3.80000	-8.05700
-8.138	.302	.01430	.03050	-.01130	-.02230	-.00180	.01250	-.01980	-8.07220	.29920	-8.07220
-7.668	4.208	.00350	.01110	-.20310	-.01410	-.01040	.06560	-.16700	-7.62200	4.14730	-7.62200
-7.595	8.106	-.01910	-.01680	-.41930	-.00340	-.01900	.11820	-.31400	-7.58430	7.99430	-7.58430
	GRADIENT	-.00036	-.00166	-.04998	.00018	-.00014	.01400	-.03850	.05325	.98451	.05325

RUN NO. 1789/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.220	-8.010	-.01540	.00170	.41840	-.00320	-.01610	-.09620	.28890	-4.27680	-7.90810	-4.27680
-4.136	-3.940	.00580	.02030	.20300	-.00840	-.00950	-.04540	.14510	-4.13670	-3.88200	-4.13670
-3.986	.187	.01350	.02680	.00730	-.01710	-.00170	.00710	-.00560	-3.95570	.13670	-3.95570
-3.869	4.168	.00270	.00780	-.19410	-.00950	-.01060	.06230	-.16000	-3.86990	4.11070	-3.86990
-3.789	8.175	-.02050	-.01900	-.42020	.00310	-.01770	.11630	-.31140	-3.84200	8.07640	-3.84200
	GRADIENT	-.00037	-.00152	-.04896	-.00015	-.00012	.01328	-.03762	.03297	.98573	.03297

RUN NO. 1790/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.066	-8.128	-.03530	-.02130	.41710	.00890	-.01360	-.09340	.28220	-.19330	-8.06190	-.19330
-.182	-4.270	.00520	.01630	.21590	-.00300	-.01140	-.04530	.15320	-.24830	-4.22020	-.24830
-.187	-.042	.01240	.02310	.02300	-.01320	-.00200	.00400	.00690	-.22830	-.01420	-.22830
-.136	3.798	.00650	.01030	-.15510	-.00820	-.00890	.05060	-.12890	-.19950	3.80760	-.19950
-.044	7.829	-.01400	-.01340	-.37790	.00540	-.01880	.10390	-.27930	-.16720	7.82060	-.16720
	GRADIENT	.00019	-.00070	-.04598	-.00067	.00034	.01188	-.03496	.00603	.99500	.00603

RUN NO. 1791/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.492	-7.720	-.00970	.00030	.37270	.01160	-.01830	-.08310	.25480	4.29920	-7.77770	4.29920
4.174	-3.822	.00930	.01530	.16330	-.00490	-.00970	-.02930	.11320	4.08290	-3.85660	4.08290
4.130	.194	.01070	.02100	.01250	-.01010	-.00250	.00850	-.00410	4.08350	.19240	4.08350
3.831	4.106	.00640	.00670	-.14810	-.00550	-.00940	.04810	-.12680	3.75230	4.13140	3.75230
3.876	7.963	-.02280	-.02410	-.36410	.01000	-.01670	.09900	-.26710	3.71470	8.00540	3.71470
	GRADIENT	-.00036	-.00107	-.03927	-.00008	.00005	.00976	-.03027	-.04151	1.00756	-.04151

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M083) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1792/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
8.217	-7.807	-.00770	.00090	.34410	.01220	-.01490	-.07740	.23720	7.98660	-7.93250	7.98660
8.180	-3.768	.00670	.01130	.16120	-.00160	-.00970	-.03030	.11230	8.05470	-3.83500	8.05470
7.798	.157	.00790	.02060	.01300	-.00590	-.00200	.00820	-.00370	7.71560	.15210	7.71560
8.110	4.127	.00330	.00470	-.14670	-.00090	-.00950	.04610	-.12270	7.99200	4.17920	7.99200
7.914	7.991	-.01080	-.01390	-.33110	.00970	-.01700	.09170	-.24660	7.71350	8.09430	7.71350
	GRADIENT	-.00043	-.00084	-.03901	.00009	.00002	.00968	-.02977	-.00779	1.01520	-.00779

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1793/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.254	-5.972	.00640	.02570	.32780	-.00550	-.00400	-.07510	.23480	-8.23730	-5.84800	-8.23730
-8.375	-3.879	.02050	.03910	.20660	-.01240	.00810	-.04760	.14920	-8.32670	-3.79450	-8.32670
-8.271	.356	.03160	.04630	.00210	-.01910	.02120	.00030	-.00360	-8.19340	.35420	-8.19340
-8.003	4.260	.01670	.02350	-.19600	-.01020	.00550	.05460	-.15610	-7.94890	4.18350	-7.94890
-7.764	6.239	.00200	.00530	-.32130	-.00200	-.00380	.08880	-.24670	-7.73530	6.12380	-7.73530
	GRADIENT	-.00042	-.00187	-.04945	.00024	-.00027	.01254	-.03749	.04621	.98022	.04621

RUN NO. 1794/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.270	-6.118	.00290	.01900	.33220	.00400	-.00590	-.07550	.23620	-4.31660	-6.01600	-4.31660
-4.328	-3.968	.01730	.03220	.21360	-.00800	.00240	-.04600	.15260	-4.33600	-3.89530	-4.33600
-4.146	.198	.02790	.04060	.01510	-.01730	.01640	.00130	.00310	-4.11390	.19840	-4.11390
-3.923	4.259	.01350	.01740	-.19590	-.00960	.00030	.05480	-.15620	-3.93110	4.18810	-3.93110
-3.635	6.217	-.00100	.00050	-.31400	.00010	-.00920	.08600	-.24000	-3.68020	6.12060	-3.68020
	GRADIENT	-.00045	-.00178	-.04977	-.00020	-.00024	.01225	-.03753	.04923	.98257	.04923

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1795/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.087	-6.223	-.01320	-.00010	.32440	.00630	-.00800	-.07000	.22590	-.21770	-6.15850	-.21770
-.167	-4.392	-.05700	-.04640	.21890	-.00090	.00390	-.04320	.15520	-.25880	-4.33680	-.25880
-.179	-.301	-.10920	-.09920	.03160	-.01150	.02570	.00090	.01530	-.23320	-.27110	-.23320
-.117	3.646	-.15860	-.15590	-.14760	-.00880	.01990	.04040	-.11820	-.20020	3.65040	-.20020
-.009	5.709	.00370	.00360	-.27170	.00140	-.00910	.07240	-.20540	-.13240	5.70380	-.13240
	GRADIENT	-.01264	-.01362	-.04560	-.00099	.00201	.01040	-.03402	.00728	.99373	.00728

RUN NO. 1796/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.180	-5.691	.00770	.01530	.25750	.00460	-.00880	-.05180	.18160	3.99130	-5.74660	3.99130
3.888	-3.685	.01590	.02170	.15630	-.00280	-.00200	-.02480	.10860	3.76040	-3.72580	3.76040
4.047	.204	.01930	.02870	.01570	-.00820	.00880	.00660	.00040	3.97620	.19960	3.97620
3.769	4.003	.01250	.01380	-.14320	-.00430	-.00210	.03890	-.11860	3.65360	4.03180	3.65360
4.011	5.985	.00340	.00060	-.25290	.00370	-.01100	.06760	-.19450	3.85030	6.02500	3.85030
	GRADIENT	-.00044	-.00102	-.03895	-.00020	-.00000	.00828	-.02955	-.01362	1.00904	-.01362

RUN NO. 1797/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.147	-5.673	.00620	.01100	.24850	.00350	-.01000	-.05010	.17670	5.95500	-5.74620	5.95500
6.047	-3.712	.01330	.01840	.15960	.00010	-.00310	-.02660	.11280	5.90430	-3.76620	5.90430
5.998	.214	.01770	.02640	.01640	-.00390	.00310	.00550	.00120	5.90080	.20060	5.90080
5.599	4.007	.01080	.01210	-.13500	.00070	-.00060	.03620	-.11290	5.47280	4.03700	5.47280
5.850	5.968	.00260	.00000	-.23380	.00610	-.01020	.06210	-.18350	5.68220	6.01870	5.68220
	GRADIENT	-.00032	-.00080	-.03816	.00007	.00034	.00814	-.02924	-.05558	1.01085	-.05558

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M085) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1798/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.369	-6.030	.02740	.04650	.34140	-.01290	.01950	-.08650	.24650	-8.35070	-5.88700	-8.35070
-8.340	-3.919	.04470	.06390	.20840	-.01850	.03900	-.04970	.15020	-8.28710	-3.82290	-8.28710
-8.288	.315	.05380	.07020	.00790	-.02610	.04970	-.00610	.00190	-8.20180	.31620	-8.20180
-7.928	4.250	.03950	.04720	-.18570	-.01740	.03100	.04460	-.14580	-7.86440	4.16700	-7.86440
-7.806	6.238	.02600	.03060	-.30770	-.00970	.01890	.08320	-.23700	-7.76590	6.11340	-7.76590
	GRADIENT	-.00060	-.00200	-.04823	.00011	-.00094	.01153	-.03622	.05134	.97801	.05134

RUN NO. 1799/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.211	-6.115	.02010	.03690	.33510	-.00310	.01350	-.08040	.23750	-4.26890	-5.99970	-4.26890
-4.438	-4.086	.03370	.04890	.21260	-.00840	.02410	-.04480	.15100	-4.44880	-4.00160	-4.44880
-4.147	.189	.04530	.05780	.01490	-.01830	.03970	-.00130	.00580	-4.11060	.18970	-4.11060
-3.981	4.287	.03000	.03520	-.19050	-.01150	.01930	.04920	-.15200	-3.98750	4.20590	-3.98750
-3.657	6.236	.01500	.01780	-.31320	-.00320	.00640	.08920	-.24300	-3.70680	6.12420	-3.70680
	GRADIENT	-.00342	-.00161	-.04813	-.00038	-.00054	.01122	-.03617	.05526	.98019	.05526

RUN NO. 1800/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.064	-6.244	.00500	.01830	.32460	.00620	.00590	-.07680	.23010	-.21940	-6.17730	-.21940
-.152	-4.404	.02320	.03390	.21960	.00010	.01100	-.04560	.15700	-.26060	-4.34680	-.26060
-.183	-.111	.03580	.04510	.01630	-.01040	.02930	.00310	.00630	-.24150	-.08290	-.24150
-.116	3.620	.01570	.02080	-.14350	-.00790	.01730	.04000	-.11930	-.21270	3.62110	-.21270
-.014	5.700	.00390	.00400	-.26630	-.00100	.00170	.07650	-.20910	-.15830	5.68950	-.15830
	GRADIENT	-.00084	-.00153	-.04531	-.00103	.00087	.01064	-.03095	.00593	.99310	.00593

RUN NO. 1801/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.166	-5.675	.01460	.02240	.25730	.00650	.00030	-.05590	.18680	3.96460	-5.72940	3.96460
4.123	-3.709	.02180	.02750	.16490	.00010	.00790	-.02760	.11660	3.98130	-3.75190	3.98130
4.062	.201	.02760	.03540	.01530	-.00800	.02030	.00140	.00560	3.98290	.19600	3.98290
3.760	3.977	.02010	.02270	-.14590	-.00270	.00830	.04140	-.12440	3.63390	4.00600	3.63390
4.024	5.974	.01030	.00810	-.24670	.00530	-.00430	.06720	-.19710	3.84580	6.01520	3.84580
	GRADIENT	-.00021	-.00061	-.04042	-.00037	.00007	.00897	-.03134	-.04493	1.00936	-.04493

1A105A, AEDC PWT-TF470, O T S W0/SILTS (T8M086) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1902/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.296	-6.001	.03900	.06000	.33940	-.01980	.04560	-.08900	.24550	-8.27960	-5.84970	-8.27960
-8.353	-3.928	.06380	.08370	.21260	-.02570	.06390	-.04980	.15080	-8.30110	-3.82250	-8.30110
-8.303	.333	.07070	.08830	.00230	-.03180	.07220	.00190	-.00510	-8.21260	.33360	-8.21260
-8.005	4.279	.05770	.06610	-.19570	-.02490	.05520	.05450	-.15790	-7.93790	4.19000	-7.93790
-7.775	6.237	.04160	.04660	-.32120	-.01570	.04130	.10110	-.25580	-7.73790	6.10480	-7.73790
	GRADIENT	-.00071	-.00210	-.04975	.00008	-.00102	.01270	-.03760	.04394	.97629	.04394

RUN NO. 1803/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.233	-6.157	.03700	.05470	.33720	-.00680	.03310	-.08700	.24180	-4.29420	-6.03230	-4.29420
-4.407	-4.087	.04720	.06390	.21670	-.01300	.04880	-.05190	.15600	-4.41920	-3.99730	-4.41920
-4.122	.186	.06200	.07560	.01990	-.02250	.06110	-.00520	.01050	-4.08450	.18690	-4.08450
-3.963	4.263	.04980	.05580	-.18920	-.01740	.04380	.05180	-.15220	-3.96980	4.17580	-3.96980
-3.657	6.258	.03430	.03830	-.30480	-.00850	.02870	.09240	-.24000	-3.71010	6.13870	-3.71010
	GRADIENT	.00034	-.00094	-.04859	-.00054	-.00057	.01241	-.03689	.05402	.97884	.05402

RUN NO. 1804/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.003	-6.253	.02760	.04170	.31840	.00150	.02160	-.08070	.22800	-.16730	-6.18200	-.16730
-.077	-4.405	.03990	.05210	.22050	-.00430	.03050	-.04970	.15640	-.19090	-4.34550	-.19090
-.130	-.135	.05350	.06390	.02520	-.01650	.05080	-.00320	.01270	-.18390	-.10800	-.13390
-.050	3.616	.04370	.04870	-.12560	-.01070	.03330	.02420	-.09780	-.14340	3.61310	-.14340
.034	5.698	.03330	.03580	-.25160	-.00390	.02080	.06980	-.19520	-.11080	5.68250	-.11060
	GRADIENT	.00054	-.00035	-.04321	-.00085	.00045	.00925	-.03174	.00582	.99224	.00582

RUN NO. 1805/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.170	-5.661	.03000	.03910	.24540	.00370	.01580	-.05570	.17810	3.95750	-5.71900	3.95750
3.873	-3.675	.03430	.04030	.14790	-.00260	.02110	-.02250	.10070	3.73000	-3.71680	3.73000
4.062	.195	.03890	.04740	.01900	-.01040	.03020	-.00060	.00600	3.98140	.19040	3.98140
3.743	3.969	.03290	.03600	-.12420	-.00490	.02000	.02800	-.10290	3.61320	3.99550	3.61320
4.058	5.961	.02570	.02460	-.22660	.00090	.01020	.06400	-.18330	3.86770	6.00530	3.86770
	GRADIENT	-.00018	-.00055	-.03559	-.00031	-.00013	.00660	-.02663	-.01494	1.00892	-.01494

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M087) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1806/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.321	-6.097	.05460	.07920	.37490	-.03730	.06370	-.12470	.28100	-8.33700	-5.88530	-8.33700
-8.347	-3.964	.07200	.09240	.23050	-.04120	.07650	-.06810	.16960	-8.30560	-3.82310	-8.30560
-8.327	.330	.08610	.10460	.00660	-.05270	.09130	.00540	-.00680	-8.23390	.33210	-8.23390
-8.030	4.294	.07070	.07770	-.21350	-.04440	.07610	.08190	-.18290	-7.97480	4.16810	-7.97480
-7.708	6.307	.05450	.05850	-.34470	-.03620	.06560	.13570	-.28560	-7.70730	6.11610	-7.70730
	GRADIENT	-.00011	-.00172	-.05375	-.00042	-.00000	.01815	-.04267	.03974	.96773	.03974

RUN NO. 1807/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.185	-6.187	.05070	.07170	.35590	-.02290	.05830	-.11490	.26520	-4.29970	-6.01980	-4.29970
-4.454	-4.130	.06760	.08510	.23240	-.03190	.07090	-.06930	.17210	-4.49040	-4.00900	-4.49040
-4.130	.180	.08020	.09560	.02140	-.04170	.08380	.00060	.00500	-4.09740	.18340	-4.09740
-3.976	4.297	.06710	.07200	-.19130	-.03730	.06910	.07160	-.16520	-4.00800	4.18230	-4.00800
-3.623	6.284	.05300	.05560	-.31800	-.03020	.05860	.12250	-.26420	-3.72900	6.12050	-3.72900
	GRADIENT	-.00304	-.00152	-.05027	-.00065	-.00019	.01672	-.04002	.05751	.97204	.05751

RUN NO. 1808/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.101	-6.281	.04480	.06120	.32830	-.01630	.05130	-.10010	.24340	-.11590	-6.19960	-.11590
.026	-4.399	.06230	.07670	.23490	-.02480	.06230	-.06640	.17200	-.12320	-4.33430	-.12320
-.014	-.156	.07450	.08660	.02640	-.03440	.07620	-.00170	.01200	-.08430	-.12730	-.08430
.062	3.603	.06680	.07070	-.13980	-.02950	.06510	.04790	-.12100	-.05660	3.59930	-.05660
.172	5.686	.05560	.05700	-.25920	-.02250	.05340	.09320	-.21510	-.01780	5.66590	-.01780
	GRADIENT	.00061	-.00068	-.04686	-.00062	.00041	.01430	-.03664	.00834	.99144	.00834

RUN NO. 1809/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.190	-5.639	.05130	.06250	.25760	-.01540	.04530	-.07120	.19440	3.94370	-5.70470	3.94370
3.873	-3.641	.06060	.07080	.16560	-.02270	.05540	-.03770	.11920	3.70910	-3.68970	3.70910
4.055	.200	.06730	.07740	.02490	-.02790	.06560	.00140	.00590	3.96170	.19000	3.96170
3.757	3.963	.06010	.06250	-.13640	-.02360	.05620	.04570	-.12230	3.60760	3.99320	3.60760
4.078	5.923	.05140	.04980	-.22940	-.01760	.04590	.08100	-.19700	3.85590	5.97110	3.85590
	GRADIENT	-.00006	-.00108	-.03971	-.00012	.00011	.01097	-.03175	.01308	1.01038	-.01308

IA105A, AEDC PWT-TF47J, O T S WO/SILTS (T8M088) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1810/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-8.216	-6.066	.05620	.08240	.38430	-.03960	.06820	-.13480	.28860	-8.23460	-5.85470	-8.23460
-8.376	-3.983	.07670	.09880	.24210	-.04570	.08280	-.07810	.17920	-8.33310	-3.83880	-8.33310
-8.003	4.302	.07410	.08180	-.22940	-.04850	.08130	.09240	-.19530	-7.95410	4.16830	-7.95410
-7.745	6.329	.05660	.06280	-.36810	-.04050	.07240	.14990	-.30210	-7.75420	6.12490	-7.75420
	GRADIENT	-.00031	-.00205	-.05691	-.00034	-.00018	.02058	-.04520	.04575	.96647	.04575

RUN NO. 1811/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-4.191	-6.199	.05300	.07560	.37120	-.02830	.06400	-.12930	.27870	-4.31300	-6.02950	-4.31300
-4.439	-4.139	.07120	.09020	.24800	-.03630	.07580	-.08070	.18450	-4.47860	-4.01930	-4.47860
-4.146	.185	.08700	.10400	.01640	-.04880	.09200	.00150	.00110	-4.11540	.18570	-4.11540
-4.002	4.315	.07140	.07650	-.21410	-.04180	.07560	.08720	-.18540	-4.04420	4.19500	-4.04420
-3.581	6.304	.05430	.05860	-.33970	-.03220	.06430	.13740	-.28140	-3.70230	6.13770	-3.70230
	GRADIENT	.00005	-.00158	-.05465	-.00067	.00001	.01985	-.04374	.05164	.97165	.05164

RUN NO. 1812/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.124	-6.274	.04940	.06730	.34970	-.02070	.05700	-.11740	.26180	-.10050	-6.19670	-.10050
.026	-4.391	.06280	.07730	.25510	-.02680	.06460	-.07930	.18810	-.12080	-4.33150	-.12080
-.033	-.165	.08030	.09300	.04070	-.03910	.08280	-.00590	.02090	-.10100	-.13900	-.10100
.047	3.598	.07480	.08040	-.13990	-.03620	.07490	.05360	-.12240	-.07370	3.59410	-.07370
.143	5.690	.06380	.06620	-.26120	-.02950	.06440	.10160	-.21730	-.05000	5.66900	-.05000
	GRADIENT	.00156	.00046	-.04947	-.00121	.00135	.01665	-.03888	.00587	.99205	.00587

RUN NO. 1813/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
4.210	-5.637	.06030	.07250	.26330	-.02270	.05790	-.08440	.19910	3.95530	-5.71160	3.95530
3.898	-3.651	.07060	.08190	.16670	-.03090	.06780	-.04470	.11920	3.73090	-3.70600	3.73090
4.051	.198	.07850	.08980	.01950	-.03540	.07840	.00230	.00220	3.95950	.18830	3.95950
3.758	3.948	.06870	.07240	-.14010	-.02930	.06700	.05300	-.12480	3.60470	3.98570	3.60470
4.083	5.916	.05880	.05870	-.23810	-.02350	.05650	.09350	-.20380	3.85520	5.97310	3.85520
	GRADIENT	-.00024	-.00124	-.04036	.00020	-.00009	.01285	-.03210	-.01628	1.01217	-.01628

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M089) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1957/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.983	-89.944	.01920	.02010	-.30470	-.00280	.00790	.09350	-.23970	.21920	6.26880	.21920
-5.991	.021	.06700	.06790	.00360	-.02740	.06790	.00090	-.00750	-9.06450	.19550	-9.06450
-5.998	90.006	.02130	.02220	.32170	.00270	.01410	-.07700	.22820	-.33010	-6.28380	-.33010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1958/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.001	-89.999	.04210	.04290	.00710	-.01230	.03460	-.00230	-.00120	.17840	.28640	.17840
-.005	.007	.04680	.04760	.02050	-.01230	.04200	-.00290	.00880	-1.36170	.19780	-1.36170
.009	90.019	.04480	.04560	.03340	-.01120	.04000	-.00810	.02160	-.31430	-.27640	-.31430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1959/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
5.991	-89.972	.02950	.03040	.27300	.00100	.01670	-.06040	.19140	.17140	-5.70630	.17140
6.011	.010	.02620	.02700	.01390	-.00340	.01470	.00330	.00100	6.23770	.19870	6.23770
6.007	90.019	.00220	.00310	-.27160	-.00380	.01720	.08140	-.21200	-.15290	5.72180	-.15290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1960/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.996	-89.917	.01990	.02080	-.31240	-.00070	.01030	.09650	-.24470	.15080	6.28190	.15080
-5.992	.015	.06860	.06940	.00560	-.02700	.07090	.00070	-.00640	-9.10600	.19610	-9.10600
-6.000	90.006	.02360	.02450	.31770	.00250	.01750	-.07380	.22370	-.25880	-6.28610	-.25880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1961/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.001	-90.013	.04210	.04300	.00040	-.01050	.03590	.00540	-.00980	.21510	.28410	.21510
.001	.006	.04760	.04850	.00180	-.01140	.04360	.00330	-.00640	-1.35860	.19770	-1.35860
.010	90.019	.04590	.04680	.02360	-.01190	.04090	-.00010	.01030	-.35340	-.27560	-.35340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M091) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1948/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-6.001	-89.972	.04570	.04640	-.33220	-.02170	.05000	.12210	-.26610	.26540	6.29470	.26540
-6.014	-.281	.08510	.08590	.00740	-.05220	.09270	.00710	-.00690	-9.75760	.22530	-9.75760
-5.998	90.073	.04460	.04540	.34190	-.01890	.05090	-.11620	.26210	-.17670	-6.29190	-.17670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1949/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.001	-89.999	.07440	.07520	-.01180	-.03670	.07680	.00920	-.01760	.28060	.29460	.28060
-.003	-.014	.07680	.07770	-.00460	-.03970	.08030	.00740	-.01210	-1.46240	.19450	-1.46240
.010	90.046	.07350	.07430	.04050	-.03700	.07470	-.00730	.02450	-.21240	-.28340	-.21240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1950/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.000	-89.985	.05680	.05760	.27630	-.02260	.05710	-.09150	.21080	.40690	-5.70730	.40690
5.998	-.018	.06780	.06860	.00270	-.02670	.06690	.00420	-.00600	6.37960	.19260	6.37960
6.006	90.019	.05850	.05930	-.26320	-.02910	.05750	.09810	-.21370	-.24690	5.71280	-.24690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M092) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1951/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-6.002	-89.972	.04720	.04800	-.32800	-.02350	.05150	.12310	-.26510	.26570	6.29580	.26570
-6.005	-.017	.08460	.08540	-.00590	-.05280	.09170	.01270	-.01850	-9.75960	.19640	-9.75960
-6.002	90.033	.04470	.04550	.34600	-.02000	.05130	-.11960	.26650	-.18790	-6.29570	-.18790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1952/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.004	-90.013	.07410	.07490	-.01650	-.03710	.07640	.01040	-.02080	.34920	.29740	.34920
.014	90.033	.07360	.07450	.04370	-.03720	.07540	-.00710	.02610	-.27700	-.27900	-.27700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1953/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
5.996	-89.985	.05720	.05800	.28660	-.02180	.05790	-.09340	.21640	.35530	-5.70310	.35530
6.008	.011	.06950	.07020	.01200	-.03060	.06710	.00390	-.00180	6.42420	.19560	6.42420
6.036	89.979	.04530	.04610	-.27330	-.03210	.05830	.10450	-.22310	-.19370	5.74380	-.19370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1954/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.998	-89.985	.04560	.04640	-.32980	-.02520	.05020	.12660	-.26860	.36050	6.29190	.36050
-5.997	.006	.08560	.08640	-.00790	-.05280	.09270	.01120	-.01800	-9.65370	.19380	-9.65370
-5.999	90.033	.04460	.04540	.35120	-.02010	.05280	-.12260	.27030	-.24230	-6.29280	-.24230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (T8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1955/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.004	-90.027	.07500	.07590	-.00660	-.03820	.07660	.01060	-.01610	.31390	.29690	.31390
-.001	.006	.07990	.08070	.01390	-.03930	.08310	.00170	.00200	-1.36460	.19440	-1.36460
.011	90.046	.07540	.07640	.04250	-.03530	.07760	-.00840	.02610	-.23660	-.28220	-.23660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1956/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.000	-89.972	.05750	.05840	.29350	-.02310	.05850	-.09850	.22300	.29110	-5.70740	.29110
5.993	-.004	.06550	.06630	.01090	-.02560	.06330	.00350	-.00180	6.40760	.19400	6.40760
5.996	90.019	.05760	.05840	-.27710	-.02870	.05700	.10620	-.22600	-.11460	5.70290	-.11460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (T8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1945/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.963	-89.972	.03940	.03990	-.33040	-.03520	.05210	.13060	-.25910	.27480	6.27950	.27480
-6.005	.077	.07620	.07680	.00070	-.05190	.08300	.00340	-.00650	-9.97070	.23810	-9.97070
-5.991	90.033	.02720	.02780	.33650	-.02680	.05520	-.13000	.26070	-.26500	-6.30770	-.26500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1946/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
.004	-90.040	.06770	.06840	-.01520	-.03570	.07300	.00570	-.01480	.36040	.31150	.36040
-.006	-.014	.06820	.06880	-.01090	-.03940	.07330	.00660	-.01360	-1.45480	.24710	-1.45480
-.188	90.019	.05240	.05310	.03600	-.04050	.07160	-.01070	.02440	-.27330	-.50420	-.27330
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1947/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.003	-89.972	.04680	.04740	.28230	-.02760	.05490	-.10830	.22110	.43170	-5.68820	.43170
6.002	.072	.06090	.06150	-.00890	-.02920	.06310	.00510	-.01050	6.48270	.25310	6.48270
5.996	90.019	.04820	.04890	-.28890	-.03690	.05350	.11520	-.23040	-.34340	5.68080	-.34340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M095) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 1.000

RUN NO. 2018/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.984	-89.994	-.00690	-.00510	-.34020	.00910	-.01290	.08050	-.24280	.22850	6.25230	.22850
-6.007	.019	.03050	.03220	-.01110	-.01210	.02280	.01420	-.02010	-8.66380	.20200	-8.66380
-6.006	90.011	-.00330	-.00160	.31630	.01050	-.00450	-.06730	.21860	-.20880	-6.27450	-.20880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2019/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.001	-90.007	.01910	.02080	-.02040	-.00440	.01140	.01420	-.02370	.23280	.26880	.23280
-.001	.038	.01990	.02160	-.02730	-.00470	.01230	.01610	-.02890	-1.27180	.20390	-1.27180
-.187	90.159	.01950	.02120	.01310	-.00460	.01080	.00900	.00060	-.24850	-.45550	-.24850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2020/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.012	-89.980	.00270	.00440	.27650	.00910	-.00490	-.05880	.19350	.35120	-5.74470	.35120
5.977	.014	.01340	.01520	-.02190	.00010	.00690	.01380	-.02290	6.11440	.20540	6.11440
6.008	90.025	.00060	.00230	-.30070	.00670	-.01040	.07400	-.21870	-.24130	5.74020	-.24130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M096) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2021/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.997	-89.966	-.00550	-.00380	-.32670	.00730	-.01300	.07990	-.23690	.29210	6.26570	.29210
-5.999	.008	.02980	.03140	-.02320	-.01310	.02230	.01550	-.02820	-8.57910	.20320	-8.57910
-6.007	90.025	-.00260	-.00090	.31490	.00930	-.00460	-.06690	.21780	-.28030	-6.27570	-.28030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2022/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.004	-89.994	.01960	.02130	-.01760	-.00680	.01120	.01630	-.02450	.24880	.27260	.24880
.006	.020	.02180	.02350	-.00490	-.00570	.01390	.01320	-.01330	-1.23840	.20400	-1.23840
-.004	90.173	.02060	.02230	.00860	-.00560	.01200	.01120	-.00340	-.25870	-.27340	-.25870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2023/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.014	-89.994	.00450	.00620	.27500	.00730	-.00420	-.05820	.19220	.23100	-5.74570	.23100
5.976	-.012	.01460	.01630	-.00240	-.00220	.00700	.01230	-.01270	6.09720	.20290	6.09720
5.998	90.038	.00180	.00350	-.29060	.00570	-.00980	.07180	-.21250	-.11000	5.73010	-.11000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2024/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.989	-89.966	.02000	.02160	-.30940	-.00050	.01210	.08920	-.23580	.32850	6.27480	.32850
-6.014	-.197	.06900	.07060	-.00680	-.02590	.07460	-.00300	-.00600	-9.01110	.21930	-9.01110
-6.000	90.025	.02630	.02790	.29940	.00420	.02285	-.06770	.21240	-.23760	-6.28580	-.23760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2025/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.002	-89.994	.04600	.04750	-.00980	-.00950	.04330	.00330	-.00880	.28290	.28770	.28290
-.002	.001	.05130	.05280	.00880	-.00930	.05080	-.00470	.00910	-1.27420	.19770	-1.27420
-.009	90.213	.04800	.04960	.01950	-.00800	.04710	-.00580	.01710	-.20840	-.29560	-.20840
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2026/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
5.996	-90.007	.03170	.03340	.26230	.00410	.02360	-.06270	.19120	.28420	-5.71100	.28420
5.987	-.011	.02940	.03100	.00140	-.00040	.02150	.00570	-.00340	6.32960	.19660	6.32960
6.006	90.025	.02860	.03010	-.27310	-.00040	.01740	.07540	-.20540	-.04990	5.72080	-.04990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (T8M098) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 1.000

RUN NO. 1869/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.994	-100.027	.04500	.04590	-.30820	-.02800	.05910	.12220	-.24270	2.03670	6.17060	2.03670
-5.973	-89.985	.04470	.04570	-.32190	-.03120	.06030	.13040	-.25620	.39530	6.28870	.39530
-6.005	-60.074	.05120	.05220	-.31690	-.03740	.06720	.12870	-.25470	-4.55150	5.59740	-4.55150
-6.003	-30.094	.07170	.07270	-.18720	-.04190	.08230	.07290	-.15620	-8.33770	3.37450	-8.33770
-6.003	-.006	.08180	.08280	-.00170	-.04920	.09280	.00640	-.01960	-9.89770	.24600	-9.89770
-6.005	30.045	.07220	.07320	.18250	-.04880	.08210	-.06050	.13770	-8.67750	-2.94690	-8.67750
-6.006	59.943	.05160	.05260	.31640	-.03720	.06670	-.11780	.24370	-5.13050	-5.34600	-5.13050
-5.992	90.033	.04170	.04260	.33790	-.02560	.06070	-.12740	.25880	-.22490	-6.30820	-.22490
-6.071	100.095	.04170	.04270	.32220	-.02270	.05860	-.12120	.24740	1.50020	-6.33100	1.50020
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (T8M099) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 2.000

RUN NO. 1874/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.978	-99.959	.04550	.04640	-.30370	-.02770	.05810	.12280	-.24270	2.01930	6.15570	2.01930
-6.002	-90.027	.04420	.04510	-.32360	-.03130	.05900	.13100	-.25710	.40190	6.31700	.40190
-5.998	-60.179	.05080	.05170	-.31270	-.03790	.06580	.12610	-.25050	-4.52870	5.59730	-4.52870
-6.010	-30.084	.07010	.07100	-.18780	-.04220	.07980	.07400	-.15690	-8.34210	3.37940	-8.34210
-6.008	- 029	.08050	.08140	-.00810	-.04880	.09090	.00940	-.01630	-9.88450	.24960	-9.88450
-6.000	30.009	.07240	.07340	.16540	-.04740	.08250	-.05460	.12490	-8.68150	-2.94140	-8.68150
-6.005	59.929	.05280	.05370	.30900	-.03670	.06910	-.11520	.23830	-5.12940	-5.34430	-5.12940
-5.991	90.100	.03900	.04000	.33200	-.02490	.06130	-.12680	.25610	-.22400	-6.30740	-.22400
-5.994	99.929	.04240	.04330	.31470	-.02210	.05920	-.12020	.24370	1.45030	-6.25810	1.45030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1870/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.002	-99.795	.07180	.07280	-.00620	-.03620	.07940	.00530	-.01070	.73210	.27130	.73210
.006	-89.792	.07200	.07300	-.00940	-.03650	.07940	.00690	-.01330	.47910	.31120	.47910
-.001	-59.810	.07270	.07360	-.00870	-.03670	.08020	.00660	-.01280	-.29660	.39820	-.29660
-.001	-30.014	.07330	.07410	-.00820	-.03810	.08130	.00660	-.01260	-.96570	.37130	-.96570
-.003	-.026	.07380	.07470	-.01190	-.03850	.08190	.00840	-.01510	-1.35250	.24590	-1.35250
-.003	30.009	.07440	.07530	-.00340	-.03900	.08270	.00310	-.00640	-1.34440	.05360	-1.34440
-.000	60.043	.07300	.07380	.01410	-.03940	.08120	-.00240	.00650	-.95700	-.15060	-.95700
-.002	90.006	.07070	.07160	.02310	-.03980	.07950	-.00360	.01220	-.27190	-.31740	-.27190
.003	99.967	.05740	.05840	.02790	-.04000	.08000	-.00530	.01600	.00300	-.35050	.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1875/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.006	-100.000	.05150	.05240	.29290	-.02470	.06380	-.10960	.22630	-.70070	-5.64680	-.70070
5.999	-90.123	.05060	.05160	.28540	-.02390	.06180	-.10590	.22020	.46940	-5.68470	.46940
6.010	-60.179	.05720	.05810	.21900	-.02350	.06040	-.07670	.16900	3.65600	-4.81630	3.65600
6.008	-30.112	.05960	.06050	.11760	-.03060	.06520	-.03830	.08530	5.88700	-2.63970	5.88700
5.996	-.186	.06520	.06620	.00110	-.02820	.06940	.00380	-.00470	6.54590	.22720	6.54590
5.989	30.038	.05900	.05990	-.11690	-.03120	.06390	.04570	-.09740	5.55020	3.04960	5.55020
5.999	60.029	.05630	.05730	-.21880	-.03140	.05890	.08690	-.18030	3.11770	5.04470	3.11770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (T8M100) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 3.000

RUN NO. 1873/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-5.977	-99.945	.04560	.04640	-.29390	-.02950	.05670	.11990	-.23750	2.06510	6.15520	2.06510
-6.002	-90.027	.04390	.04480	-.31550	-.03130	.05800	.12990	-.25410	.44960	6.31760	.44960
-5.998	-60.186	.05050	.05150	-.30810	-.03790	.06510	.12640	-.24980	-4.43700	5.59690	-4.43700
-6.014	-30.087	.06960	.07040	-.18910	-.04220	.07940	.07470	-.15880	-6.25520	3.37980	-8.25520
-6.004	-.057	.08020	.08110	-.01120	-.04810	.09150	.00870	-.01750	-9.82500	.25220	-9.82500
-6.003	29.994	.07210	.07290	.16210	-.04770	.08240	-.05490	.12330	-8.67660	-2.94050	-8.67660
-5.998	59.972	.05190	.05270	.31210	-.03640	.06820	-.11730	.24150	-5.13330	-5.34070	-5.13330
-5.999	90.087	.04240	.04330	.33030	-.02520	.06120	-.12480	.25350	-.29650	-6.31500	-.29650
-5.999	99.942	.04320	.04420	.31570	-.02290	.05990	-.11940	.24380	1.34610	-6.26100	1.34610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1872/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
-.000	-99.809	.07100	.07210	-.00050	-.03820	.07630	.00620	-.00930	.70790	.26900	.70790
-.004	-89.779	.07140	.07220	-.00080	-.03890	.07670	.00590	-.00930	.45810	.32110	.45810
.001	-59.845	.07240	.07330	-.00500	-.03920	.07800	.00810	-.01300	-.30510	.39520	-.30510
.001	-30.007	.07300	.07390	-.00150	-.04060	.07920	.00520	-.00900	-.95420	.37000	-.95420
-.000	.018	.07330	.07410	.00950	-.04120	.07930	.00150	-.00050	-1.32180	.24670	-1.32180
-.001	30.038	.07320	.07410	.00940	-.04170	.07940	.00290	-.00090	-1.30100	.05490	-1.30100
-.000	60.058	.07270	.07360	.01800	-.04150	.07880	-.00210	.00740	-.89890	-.15090	-.89890
-.000	90.006	.06980	.07090	.02700	-.04110	.07770	-.00450	.01410	-.22510	-.31540	-.22510
.003	99.916	.07140	.07250	.03150	-.04070	.07670	-.00620	.01760	.04290	-.34970	.04290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1871/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CAVU	CAV	CSV	CZV	CMV	CTV	CBV	ALPHAT	BETAT	ALPHAS
6.003	-100.000	.05200	.05290	.29650	-.03090	.06160	-.10930	.22790	-.78410	-5.64430	-.78410
5.997	-90.013	.05170	.05250	.28670	-.03010	.05960	-.10530	.22040	.42760	-5.68220	.42760
6.006	-60.179	.05690	.05780	.22680	-.02930	.05810	-.07820	.17340	3.61910	-4.81160	3.61910
6.007	-30.139	.05910	.06010	.11870	-.03340	.06280	-.03970	.08660	5.86610	-2.64040	5.86610
6.006	-.089	.06510	.06590	.00900	-.03160	.06830	.00360	-.00200	6.55830	.23840	6.55830
5.998	30.016	.05870	.05940	-.11590	-.03280	.06280	.04680	-.09840	5.57850	3.05240	5.57850
6.001	59.957	.05630	.05730	-.22120	-.03220	.05800	.08820	-.18230	3.16990	5.04330	3.16990
5.996	89.938	.04780	.04860	-.28230	-.03480	.06070	.11510	-.22780	-.13290	5.68110	-.13290
5.998	99.891	.05390	.05480	-.28370	-.03450	.06320	.11460	-.22780	-1.33320	5.55520	-1.33320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (U8M001) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1770/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.335	-6.107	1.40310	531.16800	1697.79980	732.02860	99.40000	3.49490	-.08580	.24670	-7.94550
-8.407	-3.968	1.40050	535.18920	1704.29980	734.79640	99.50000	3.50890	-.08530	.24570	-6.52720
-8.312	.383	1.40250	532.73290	1701.39990	733.57370	99.20000	3.50430	-.08570	.24640	-5.11140
-8.048	4.365	1.40210	533.22440	1701.89990	733.78390	99.20000	3.50560	-.08570	.24630	-6.55840
-7.669	6.335	1.40120	535.27950	1706.29980	735.66690	99.10000	3.51600	-.08550	.24590	-7.81750
	GRADIENT	.00020	-.24088	-.29386	-.12398	-.03651	-.00041	-.00005	.00007	.00134

RUN NO. 1771/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.251	-6.190	1.40280	532.73070	1701.89990	733.79200	99.00000	3.50690	-.08580	.24660	-6.57140
-4.506	-4.154	1.40360	533.40450	1706.09990	735.61280	99.20000	3.51340	-.08600	.24690	-4.85590
-4.126	.235	1.40140	532.84130	1699.00000	732.52420	99.60000	3.49670	-.08560	.24600	-2.19100
-4.009	4.338	1.40350	532.43090	1702.79980	734.18320	99.80000	3.50160	-.08590	.24680	-4.83670
-3.618	6.313	1.40250	533.80490	1704.79980	735.03960	99.80000	3.50630	-.08570	.24640	-6.51320
	GRADIENT	-.00002	-.11481	-.40287	-.17386	.07089	-.00142	.00001	-.00001	.00928

RUN NO. 1772/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.196	-6.340	1.40440	533.10470	1707.00000	736.00930	99.80000	3.50980	-.08610	.24720	-6.16270
-.280	-4.441	1.40090	532.55350	1697.00000	731.65580	99.80000	3.49110	-.08540	.24580	-4.28310
-.281	-.171	1.40250	534.29270	1706.20000	735.64260	99.90000	3.50840	-.08570	.24640	-.05630
-.250	3.566	1.39920	532.86280	1693.79980	730.25000	99.80000	3.48550	-.08510	.24520	3.64140
-.185	5.665	1.40150	533.52220	1701.50000	733.60400	100.10000	3.49760	-.08550	.24610	5.71950
	GRADIENT	-.00020	.04733	-.33932	-.14936	.00055	-.00059	.00003	-.00007	.98963

RUN NO. 1773/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.215	-5.620	1.40250	534.48780	1706.79980	735.90110	100.00000	3.50880	-.08570	.24640	6.68300
3.927	-3.617	1.40220	533.02910	1701.39990	733.56880	99.80000	3.49950	-.08570	.24630	5.01590
3.984	.250	1.40440	532.61770	1705.39990	735.31910	99.80000	3.50650	-.08610	.24710	3.81270
3.690	3.971	1.40130	534.10940	1702.79980	734.16110	99.80000	3.50290	-.08550	.24600	5.17550
4.001	5.946	1.40470	532.41940	1705.59990	735.40890	99.90000	3.50590	-.08610	.24730	6.87120
	GRADIENT	-.00011	.14076	.19002	.08050	.00000	.00046	.00003	-.00004	.01887

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M002) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1774/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.459	-6.025	1.55460	403.27050	1603.09990	682.23850	100.10000	3.19010	-.15250	.32710	-8.04640
-8.492	-3.927	1.55180	404.27390	1600.39990	681.43630	99.80000	3.18930	-.15020	.32520	-6.68680
-8.386	.458	1.54780	407.33450	1603.09990	683.06370	99.80000	3.19800	-.14720	.32250	-5.31610
-7.998	4.430	1.55160	404.86040	1602.29980	682.26710	99.80000	3.19330	-.15000	.32510	-6.64260
-7.688	6.456	1.55010	406.72610	1606.20000	684.10600	99.80000	3.20230	-.14890	.32400	-7.97050
	GRADIENT	-.00004	.08102	.23406	.10411	-.00000	.00050	.00004	-.00002	.01059

RUN NO. 1775/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.368	-6.207	1.55280	405.14010	1606.20000	683.78320	99.80000	3.20010	-.15100	.32590	-6.62060
-4.618	-4.129	1.55070	405.06400	1601.09990	681.85890	99.80000	3.19160	-.14940	.32450	-4.88920
-4.224	.312	1.55100	405.93800	1605.09990	683.53440	99.80000	3.19940	-.14960	.32460	-2.25280
-3.957	4.440	1.54860	406.64430	1602.29980	682.62620	99.80000	3.19570	-.14770	.32300	-4.87100
-3.571	6.374	1.55020	406.14090	1604.09990	683.20070	99.80000	3.19800	-.14900	.32410	-6.52820
	GRADIENT	-.00024	.18457	.14960	.09316	.00000	.00049	.00020	-.00017	.00957

RUN NO. 1776/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.292	-6.383	1.54970	407.31450	1607.59990	684.74930	100.00000	3.20380	-.14860	.32380	-6.15260
-.386	-4.487	1.55260	406.40820	1610.79980	685.76370	100.10000	3.20710	-.15080	.32580	-4.26990
-.409	-.242	1.54930	405.56520	1599.79980	681.47240	99.80000	3.19010	-.14830	.32350	-.06380
-.387	3.497	1.55350	404.84030	1606.70000	683.90840	99.90000	3.19970	-.15160	.32640	3.64570
-.341	5.591	1.54980	406.04710	1602.89990	682.73190	99.90000	3.19510	-.14870	.32390	5.71730
	GRADIENT	.00009	-.19644	-.56013	-.24985	-.02607	-.00100	-.00008	.00006	.99146

RUN NO. 1777/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.229	-5.523	1.54810	408.30470	1607.79980	685.02200	99.80000	3.20710	-.14740	.32270	6.74640
3.904	-3.517	1.54940	404.59060	1596.09990	679.88890	99.80000	3.18270	-.14830	.32360	5.09460
3.901	.324	1.55190	406.90210	1611.20000	686.01440	99.90000	3.20990	-.15040	.32530	3.93140
3.590	3.997	1.55060	406.13670	1605.00000	683.53740	99.80000	3.19950	-.14930	.32440	5.27400
3.836	5.938	1.55200	404.75880	1602.79980	682.43330	99.90000	3.19320	-.15040	.32530	6.92920
	GRADIENT	.00016	.20879	1.20546	.49404	.00020	.00227	-.00014	.00011	.02137

1A105A, AEDC PWT-TF470, O T S W0/SILTS (U8M003) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1968/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-7.961	-6.067	1.15050	737.79640	1678.50000	683.59250	98.00000	3.51260	-.06550	.19610	-7.88930
-8.146	-3.987	1.14960	739.47610	1680.39990	684.08030	98.00000	3.51640	-.06550	.19610	-6.55110
-8.042	.183	1.15010	738.87940	1680.20000	684.17140	98.00000	3.51610	-.06550	.19610	-5.08790
-7.950	4.275	1.14960	739.86770	1681.29980	684.44820	97.90000	3.51910	-.06550	.19610	-6.61530
-7.725	6.307	1.15050	738.28590	1679.59990	684.03660	97.90000	3.51580	-.06560	.19610	-7.94130
	GRADIENT	.00000	.04679	.10842	.04446	-.01206	.00033	.00000	.00000	-.00663

RUN NO. 1969/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.155	-6.189	1.15050	739.55810	1682.59990	685.27610	97.90000	3.52210	-.06550	.19610	-6.60230
-4.169	-4.092	1.15020	739.27000	1681.20000	684.59520	97.90000	3.51900	-.06550	.19610	-4.76170
-4.068	.185	1.14950	739.28150	1679.79980	683.81250	97.90000	3.51590	-.06550	.19610	-2.25570
-3.979	4.292	1.14990	738.39280	1678.70000	683.50200	97.90000	3.51370	-.06550	.19610	-4.86070
-3.575	6.260	1.15020	738.58520	1679.59990	683.93730	98.00000	3.51490	-.06550	.19610	-6.51400
	GRADIENT	-.00004	-.10388	-.29838	-.13075	.00000	-.00063	-.00000	.00000	-.00767

RUN NO. 1970/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.001	-6.345	1.14970	738.69040	1678.89990	683.51220	97.90000	3.51410	-.06550	.19610	-6.19570
-.093	-4.413	1.14960	740.55270	1682.89990	685.10620	97.90000	3.52240	-.06550	.19610	-4.28140
-.144	-.097	1.15030	737.99490	1678.59990	683.58110	97.90000	3.51360	-.06550	.19610	-.00430
-.049	3.601	1.15020	738.68240	1679.89990	684.07130	98.00000	3.51550	-.06550	.19610	3.65940
.050	5.694	1.14980	738.39620	1678.29980	683.27830	97.90000	3.51290	-.06550	.19610	5.73410
	GRADIENT	.00008	-.24332	-.39155	-.13534	.01213	-.00089	.00000	.00000	.99085

RUN NO. 1971/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.229	-5.657	1.15000	738.58760	1679.29980	683.76980	98.00000	3.51420	-.06550	.19610	6.70550
3.914	-3.669	1.14920	740.75540	1682.50000	684.81470	97.90000	3.52150	-.06550	.19610	5.02930
4.077	.195	1.14890	739.87890	1679.89990	683.66530	98.10000	3.51430	-.06550	.19610	3.86250
3.797	3.977	1.15060	737.99020	1679.20000	683.91630	98.00000	3.51410	-.06550	.19620	5.20740
4.081	5.941	1.15070	739.16410	1682.00000	685.07570	98.10000	3.51920	-.06550	.19620	6.88250
	GRADIENT	.00018	-.36115	-.43244	-.11814	.01322	-.00097	-.00000	.00001	.02213

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M004) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1972/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.311	-6.089	1.25020	647.21070	1676.89990	708.10940	99.80000	3.50110	-.07020	.20640	-8.01620
-8.340	-3.947	1.25050	646.91360	1676.79980	708.12350	99.90000	3.50000	-.07030	.20640	-6.57420
-8.272	.369	1.24960	647.90210	1677.39990	708.21140	99.80000	3.50220	-.07020	.20630	-5.20000
-8.000	4.309	1.24880	649.08470	1678.70000	708.61080	99.80000	3.50500	-.07020	.20610	-6.61030
-7.687	6.296	1.25030	647.59990	1678.20000	708.68290	99.70000	3.50460	-.07020	.20640	-7.87230
	GRADIENT	-.00021	.26245	.22873	.05842	-.01229	.00060	.00001	-.00004	.00074

RUN NO. 1973/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.209	-6.192	1.24980	647.99780	1678.00000	708.49460	99.70000	3.50430	-.07020	.20630	-6.61230
-4.411	-4.134	1.24950	647.31690	1675.70000	707.47800	99.70000	3.49050	-.07020	.20630	-4.87690
-4.072	.193	1.25090	647.20170	1678.39990	708.87110	99.70000	3.50500	-.07030	.20650	-2.24130
-3.985	4.306	1.24950	648.09860	1677.70000	708.32030	99.80000	3.50290	-.07020	.20630	-4.85970
-3.579	6.251	1.24990	647.31230	1676.50000	707.88450	99.70000	3.50110	-.07020	.20630	-6.48990
	GRADIENT	.00000	.09158	.24032	.10172	.01175	.00041	-.00000	.00000	.00730

RUN NO. 1974/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.005	-6.354	1.25060	645.93580	1674.39990	707.12130	99.50000	3.49830	-.07020	.20640	-6.19870
-.093	-4.422	1.24970	647.21660	1675.89990	707.60130	99.60000	3.50070	-.07020	.20630	-4.28490
-.083	-.160	1.24940	646.82980	1674.20000	706.82450	99.60000	3.49720	-.07020	.20620	-.06310
-.023	3.578	1.25110	647.39430	1679.39990	709.33540	99.50000	3.50870	-.07030	.20650	3.64050
.045	5.687	1.24870	648.30470	1676.39990	707.61600	99.60000	3.50190	-.07020	.20610	5.72970
	GRADIENT	.00017	.01959	.41807	.20749	-.01221	.00096	-.00001	.00002	.99060

RUN NO. 1975/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.226	-5.658	1.24970	648.48780	1679.00000	708.89400	99.70000	3.50640	-.07020	.20630	6.70100
3.910	-3.655	1.24980	647.99710	1678.09990	708.54540	99.80000	3.50370	-.07020	.20630	5.01180
4.076	.203	1.24960	648.39090	1678.59990	708.71260	100.00000	3.50310	-.07020	.20630	3.84200
3.768	3.979	1.25030	647.69730	1678.50000	708.81370	99.70000	3.50530	-.07030	.20640	5.18010
4.072	5.946	1.25090	643.19600	1668.00000	704.47750	99.80000	3.48250	-.07030	.20650	6.87470
	GRADIENT	.00007	-.03877	.05269	.03517	-.01287	.00021	-.00001	.00001	.02089

1A105A, AEDC PWT-TF470, O T S WO/SILTS (U8M005) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1976/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.264	-6.050	1.39880	535.69260	1701.89990	733.73610	101.10000	3.49160	-.08500	.24500	-7.88530
-8.413	-3.928	1.40060	535.28590	1704.79980	735.01320	100.00000	3.50570	-.08540	.24570	-6.50600
-8.273	.410	1.40080	533.91970	1700.89990	733.33450	99.80000	3.49930	-.08540	.24580	-5.09100
-7.951	4.328	1.39930	535.39530	1702.20000	733.87380	99.80000	3.50270	-.08510	.24520	-6.50900
-7.714	6.335	1.40030	534.89870	1702.89990	734.18990	99.80000	3.50360	-.08530	.24560	-7.83630
	GRADIENT	-.00015	.00739	-.32533	-.14246	-.02462	-.00038	.00004	-.00006	.00547

RUN NO. 1977/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.284	-6.182	1.39950	534.32150	1699.20000	732.58300	99.50000	3.49900	-.08520	.24530	-6.57520
-4.467	-4.119	1.39860	534.52510	1697.70000	731.92190	99.40000	3.49720	-.08500	.24500	-4.81930
-4.104	.232	1.39980	535.58540	1704.00000	734.65750	99.40000	3.50950	-.08520	.24540	-2.17690
-4.008	4.339	1.40020	535.19170	1703.70000	734.53420	99.50000	3.50780	-.08530	.24560	-4.84760
-3.575	6.282	1.40050	534.02000	1700.50000	733.15770	99.40000	3.50190	-.08530	.24570	-6.48790
	GRADIENT	.00019	.08045	.71671	.31203	.01171	.00127	-.00004	.00007	.00270

RUN NO. 1978/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.152	-6.382	1.39980	535.78030	1704.59990	734.91600	99.50000	3.50990	-.08520	.24540	-6.20470
-.271	-4.437	1.40030	534.89870	1702.89990	734.18990	99.40000	3.50700	-.08530	.24560	-4.27830
-.250	-.186	1.40020	534.99660	1703.09990	734.27560	99.50000	3.50660	-.08530	.24560	-.07170
-.195	3.568	1.39950	534.80960	1700.59990	733.18550	99.50000	3.50190	-.08520	.24530	3.64430
-.145	5.675	1.40320	533.50610	1705.39990	735.30620	99.70000	3.50800	-.08580	.24670	5.72970
	GRADIENT	-.00010	-.01038	-.28000	-.12228	.01273	-.00063	.00001	-.00004	.98971

RUN NO. 1979/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.247	-5.640	1.39990	535.19530	1702.79980	734.14040	99.80000	3.50370	-.08520	.24540	6.69880
3.908	-3.625	1.40090	534.01590	1701.50000	733.59500	99.90000	3.49960	-.08540	.24580	4.99980
4.065	.239	1.40070	534.50510	1702.59990	734.06640	99.80000	3.50280	-.08530	.24570	3.85600
3.723	4.002	1.39890	534.91280	1699.50000	732.70190	99.60000	3.49910	-.08500	.24500	5.19870
4.020	5.965	1.40020	534.70510	1702.00000	733.80030	99.60000	3.50350	-.08530	.24550	6.88590
	GRADIENT	-.00026	.11764	-.25977	-.11602	-.03928	-.00006	.00005	-.00010	.02462

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M006) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
PREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1980/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.422	-5.989	1.54990	406.14360	1603.50000	682.97630	100.10000	3.19470	-.14880	.32390	-8.02920
-8.510	-3.882	1.55090	405.54880	1603.50000	682.85620	100.10000	3.19390	-.14960	.32460	-6.66650
-8.339	.483	1.54990	406.24120	1603.79980	683.10860	100.30000	3.19380	-.14880	.32390	-5.27660
-7.996	4.424	1.55080	407.40060	1610.50000	685.85380	100.20000	3.20720	-.14950	.32450	-6.65150
-7.654	6.404	1.55040	406.72290	1606.89990	684.36770	100.30000	3.19960	-.14920	.32430	-7.92130
	GRADIENT	-.00002	.22179	.82891	.35547	.01264	.00157	.00002	-.00001	.00746

RUN NO. 1981/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.377	-6.173	1.54770	408.01710	1605.59990	684.13840	100.20000	3.20000	-.14710	.32240	-6.59230
-4.584	-4.124	1.54830	407.52440	1605.00000	683.81520	100.30000	3.19750	-.14750	.32280	-4.87690
-4.170	.307	1.54820	406.84350	1602.09990	682.59080	100.10000	3.19340	-.14740	.32270	-2.22050
-3.971	4.417	1.55040	407.20970	1608.89990	685.21560	100.30000	3.20350	-.14920	.32430	-4.86270
-3.577	6.361	1.54910	407.02830	1605.09990	683.75390	100.20000	3.19780	-.14810	.32340	-6.51800
	GRADIENT	.00024	-.03837	.44209	.15821	-.00059	.00068	-.00020	.00017	.00947

RUN NO. 1982/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.315	-6.481	1.55120	405.54610	1604.09990	683.08030	100.20000	3.19410	-.14980	.32480	-6.24890
-.385	-4.482	1.54960	408.09550	1610.29980	685.91870	100.40000	3.20630	-.14850	.32370	-4.26720
-.406	-.274	1.55070	407.30370	1610.00000	685.64670	100.40000	3.20470	-.14940	.32450	-.09460
-.368	3.558	1.54980	407.60620	1608.89990	685.29540	100.40000	3.20330	-.14860	.32380	3.70300
-.317	5.623	1.55030	406.43140	1605.59990	683.82180	100.40000	3.19630	-.14910	.32420	5.75060
	GRADIENT	.00003	-.06294	-.17245	-.07732	-.00000	-.00037	-.00002	.00002	.99138

RUN NO. 1983/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.257	-5.552	1.54910	406.73630	1603.89990	683.24540	100.40000	3.19390	-.14810	.32340	6.77000
4.126	-3.566	1.55120	406.71460	1608.79980	685.07790	100.40000	3.20130	-.14980	.32480	5.24900
3.894	.324	1.54980	406.24270	1603.50000	682.99630	100.40000	3.19250	-.14860	.32380	3.90680
3.691	4.025	1.54940	407.02510	1605.79980	684.01610	100.40000	3.19740	-.14840	.32360	5.34100
3.723	5.889	1.55030	408.38040	1613.09990	687.02610	100.40000	3.21130	-.14910	.32420	6.82900
	GRADIENT	-.00024	.03953	-.40338	-.14322	-.00000	-.00061	.00019	-.00016	.00909

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (U8M007) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1880/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.153	-7.944	.60120	1750.54100	2235.00000	442.96630	97.60000	3.52160	.07500	.19650	-10.19940
-8.100	-3.858	.60280	1751.86839	2239.50000	445.65700	97.10000	3.53930	.07320	.19670	-7.33420
-8.194	.353	.60240	1750.10451	2236.39990	444.49930	96.90000	3.53400	.07370	.19670	-6.18580
-7.674	4.226	.60310	1751.76050	2239.79980	445.99710	96.90000	3.54240	.07290	.19670	-7.21300
-7.823	8.173	.60080	1752.83250	2237.20001	442.93680	99.40000	3.50890	.07550	.19650	-10.18940
	GRADIENT	.00004	-.01924	.02583	.03746	-.02507	.00036	-.00003	-.00000	.01874

RUN NO. 1881/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.258	-8.044	.60230	1751.88989	2238.50000	444.80050	99.70000	3.51430	.07380	.19660	-8.69030
-4.145	-3.937	.60150	1750.72951	2235.70001	443.39990	99.70000	3.50690	.07470	.19650	-4.93830
-3.991	.191	.60180	1750.61909	2236.09991	443.82590	99.80000	3.50790	.07430	.19660	-2.59980
-3.900	4.155	.60190	1752.10159	2238.09991	444.29130	99.80000	3.51130	.07430	.19660	-5.01140
-3.797	8.200	.60190	1752.39790	2238.50000	444.38430	99.90000	3.51120	.07430	.19660	-8.68390
	GRADIENT	.00005	.16822	.29522	.11012	.01244	.00054	-.00005	.00001	.00238

RUN NO. 1882/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.165	-8.141	.60180	1749.53050	2234.70001	443.54200	99.60000	3.50730	.07430	.19660	-8.14540
-.241	-4.276	.60000	1752.46609	2235.29980	441.64040	99.80000	3.49930	.07640	.19640	-4.30080
-.307	-.039	.60220	1753.37650	2240.29980	445.09420	99.90000	3.51530	.07390	.19660	-.08600
-.300	3.802	.60160	1750.62770	2235.70001	443.48320	99.80000	3.50640	.07460	.19660	3.73450
-.216	7.818	.59980	1751.58299	2233.79980	441.10380	99.80000	3.49610	.07670	.19630	7.72940
	GRADIENT	.00020	-.22003	.06888	.23818	.00040	.00093	-.00023	.00003	.99478

RUN NO. 1883/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.245	-7.803	.60280	1751.77100	2239.29980	445.56880	99.90000	3.51620	.07320	.19670	8.64930
4.168	-3.826	.60090	1753.42329	2238.09991	443.20870	100.00300	3.50530	.07540	.19650	5.51950
4.133	.189	.60020	1753.54829	2237.00000	442.18190	99.80000	3.50280	.07620	.19640	4.27100
4.131	4.093	.59790	1750.06931	2228.50000	437.88890	99.80000	3.47990	.07890	.19610	5.74810
3.880	7.976	.60500	1749.71260	2240.50000	448.25850	99.80000	3.52770	.07080	.19700	8.69940
	GRADIENT	-.00038	-.42139	-1.20784	-.66982	-.02537	-.00326	.00044	-.00005	.02726

1A105A, AEDC PWT-TF470, O T S W/SILTS (U8M007) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 5.000

RUN NO. 1884/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.298	-7.841	.59950	1753.07840	2235.20001	441.05420	99.60000	3.49870	.07700	.19630	10.83220
8.153	-3.780	.60210	1751.69701	2238.00000	444.53860	99.60000	3.51370	.07400	.19660	8.46040
7.784	.148	.60240	1750.99390	2237.59991	444.77930	99.60000	3.51430	.07370	.19670	7.38890
8.124	4.136	.60150	1749.93950	2234.59991	443.12500	99.60000	3.50570	.07470	.19650	8.61960
8.198	8.104	.60120	1753.71120	2238.89990	443.64450	99.80000	3.50970	.07510	.19650	10.97550
	GRADIENT	-.00008	-.22212	-.43033	-.17942	.00000	-.00101	.00009	-.00001	.02085

1A105A, AEDC PWT-TF470, O T S W/SILTS (U8M008) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 5.000

RUN NO. 1886/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.279	-5.998	.79960	1233.38330	1879.70000	552.26270	99.70000	3.50460	-.03830	.20410	-8.48010
-8.366	-3.869	.79850	1233.71700	1877.89990	550.70260	99.40000	3.50090	-.03800	.20410	-7.14390
-8.076	.195	.79960	1232.00220	1877.59990	551.64790	99.60000	3.50150	-.03830	.20410	-5.63760
-8.013	4.248	.80060	1232.57060	1879.89990	552.96340	99.80000	3.50580	-.03840	.20400	-7.09480
-7.743	6.229	.79920	1232.80811	1877.79980	551.24760	99.70000	3.49990	-.03810	.20410	-8.31430
	GRADIENT	.00026	-.14134	.24624	.27848	.04927	.00060	-.00005	-.00001	.00620

RUN NO. 1887/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.255	-6.106	.80000	1233.37669	1880.09990	552.56320	99.70000	3.50580	-.03830	.20400	-6.74500
-4.447	-4.069	.80050	1232.07980	1879.00000	552.63110	99.50000	3.50640	-.03840	.20400	-5.05990
-4.118	.197	.80030	1232.08640	1878.59990	552.33060	99.40000	3.50600	-.03840	.20400	-2.48440
-3.932	4.254	.80050	1232.86890	1880.20000	552.98240	99.30000	3.51030	-.03840	.20400	-4.92660
-3.633	6.217	.80070	1232.96190	1880.70000	553.28910	99.40000	3.51080	-.03840	.20400	-6.61050
	GRADIENT	-.00000	.09401	.14213	.04124	-.02402	.00046	.00000	.00000	.02106

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M008) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1888/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.119	-6.239	.79900	1231.13699	1874.89990	550.23800	99.40000	3.49640	-.03810	.20410	-6.13350
-.194	-4.375	.80050	1232.96680	1880.39990	553.06370	99.60000	3.50830	-.03840	.20400	-4.28060
-.281	-.117	.80120	1229.98511	1877.20000	552.72270	99.70000	3.50310	-.03860	.20400	-.05140
-.268	3.625	.79940	1233.88750	1879.79980	551.99370	100.10000	3.50080	-.03820	.20410	3.66610
-.217	5.706	.80080	1234.33810	1883.09990	554.12920	99.80000	3.51240	-.03850	.20400	5.73600
	GRADIENT	-.00013	.09643	-.09048	-.13251	.06160	-.00094	.00002	.00001	.99328

RUN NO. 1889/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.159	-5.706	.80150	1230.37160	1878.29980	553.27370	99.70000	3.50570	-.03860	.20400	6.81430
3.873	-3.694	.79990	1232.09810	1877.89990	551.80470	99.80000	3.50060	-.03830	.20400	5.16130
4.116	.203	.79950	1231.71530	1876.59990	551.10280	99.20000	3.50220	-.03820	.20410	4.12700
3.744	4.005	.79940	1231.52150	1876.09990	550.86470	99.20000	3.50100	-.03820	.20410	5.37800
4.015	5.993	.79960	1233.19260	1879.00000	551.87430	99.10000	3.50760	-.03820	.20410	7.03520
	GRADIENT	-.00007	-.07499	-.23421	-.12233	-.07825	.00005	.00001	.00001	.02691

RUN NO. 1890/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.357	-5.725	.79920	1232.80811	1877.79980	551.24760	100.00000	3.49740	-.03810	.20410	8.03980
6.053	-3.721	.79890	1234.00391	1878.89990	551.24800	99.80000	3.50030	-.03810	.20410	6.64630
6.002	.205	.79900	1232.61909	1877.00000	550.78390	98.90000	3.50420	-.03810	.20410	5.63160
5.611	3.998	.79980	1233.77640	1880.39990	552.51340	98.90000	3.51250	-.03830	.20400	6.54190
5.980	5.959	.80000	1230.51460	1875.79980	551.32760	99.00000	3.50350	-.03830	.20400	8.02050
	GRADIENT	.00012	-.03137	.19036	.16229	-.11727	.00158	-.00003	-.00001	-.01496

1A105A, AEDC PWT-TF470, 0.T S W/SILTS (U8M009) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1893/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.254	-3.927	.89970	1055.13110	1784.00000	597.88350	99.80000	3.50340	-.05170	.20010	-6.95550
-8.075	.189	.89940	1055.92821	1784.70000	597.89010	99.80000	3.50420	-.05170	.20010	-5.47540
-7.977	4.254	.89850	1056.93700	1784.70000	597.28880	99.80000	3.50290	-.05170	.20010	-6.93240
	GRADIENT	-.00015	.22068	.08574	-.07254	.00000	-.00006	.00000	-.00000	.00357

RUN NO. 1894/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-6.281	-3.976	.89970	1051.19189	1777.39990	595.69290	99.80000	3.49050	-.05170	.20010	-5.80570
-6.085	.197	.90240	1050.33250	1781.00000	598.67480	99.80000	3.50140	-.05200	.20000	-3.92300
-5.725	4.360	.89820	1055.17360	1781.09990	595.86430	99.80000	3.49540	-.05160	.20020	-5.74730
	GRADIENT	-.00018	.47742	.44407	.02084	-.00000	.00059	.00001	.00001	.00718

RUN NO. 1895/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.132	-4.083	.89840	1056.93990	1784.50000	597.14940	99.80000	3.50240	-.05160	.20020	-4.87200
-4.108	.193	.90010	1053.93950	1782.70000	597.69950	99.90000	3.50060	-.05180	.20010	-2.39780
-3.934	4.272	.89600	1058.18871	1781.89990	594.61300	100.10000	3.49120	-.05140	.20030	-4.89730
	GRADIENT	-.00028	.14260	-.31207	-.30008	.03580	-.00133	.00002	.00001	.00166

RUN NO. 1896/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-2.329	-4.186	.90020	1052.95090	1781.29980	597.32570	99.90000	3.49800	-.05180	.20010	-4.37380
-2.195	.195	.89930	1054.74950	1782.50000	597.07980	100.00000	3.49810	-.05170	.20010	-.88780
-1.657	4.284	.90040	1053.83130	1783.20000	598.10720	99.80000	3.50290	-.05180	.20010	-4.28820
	GRADIENT	.00002	.10757	.22493	.09051	-.01140	.00057	.00000	-.00000	.01939

RUN NO. 1897/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.149	-4.346	.89680	1058.06740	1783.29980	595.65040	99.90000	3.49680	-.05150	.20020	-4.23650
-.276	-.315	.89890	1053.97310	1780.39990	596.09860	99.80000	3.49500	-.05170	.20010	-.23550
-.262	3.550	.90140	1054.98660	1787.00000	600.02950	99.80000	3.51180	-.05190	.20000	3.60210
	GRADIENT	.00058	-.39463	.46009	.55140	-.01275	.00188	-.00005	-.00003	.99266

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M009) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1898/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
2.228	-3.734	.89890	1056.82890	1785.20000	597.69730	99.90000	3.50360	-.05170	.20010	4.30130
1.764	.199	.90070	1053.43069	1783.00000	598.20800	99.90000	3.50200	-.05180	.20000	2.26070
1.707	3.848	.89990	1054.04320	1782.50000	597.50020	100.00000	3.49910	-.05180	.20010	4.26340
	GRADIENT	.00014	-.37383	-.35873	-.02398	.01302	-.00059	-.00001	-.00000	-.01164

RUN NO. 1899/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
3.923	-3.764	.89970	1056.21480	1785.79980	598.47560	99.90000	3.50610	-.05180	.20010	5.19630
4.043	.199	.90080	1051.85159	1780.59990	597.49880	99.80000	3.49830	-.05180	.20000	4.00910
3.785	3.998	.90000	1055.22189	1784.70000	598.31050	99.80000	3.50520	-.05180	.20010	5.35940
	GRADIENT	.00004	-.13493	-.15012	-.02289	-.01297	-.00013	-.00000	-.00000	.01870

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M010) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1901/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.289	-6.033	.94700	981.93070	1749.29980	616.47290	100.10000	3.49630	-.05520	.19780	-8.29030
-8.346	-3.938	.94810	979.74050	1747.39990	616.42240	100.10000	3.49370	-.05530	.19780	-6.95150
-8.089	.183	.94920	978.92410	1748.20000	617.40040	100.00000	3.49750	-.05540	.19770	-5.41600
-8.013	4.265	.94600	982.64620	1748.50000	615.54790	99.90000	3.49500	-.05520	.19790	-6.87730
-7.736	6.249	.94900	980.50200	1750.70000	618.18550	100.10000	3.50150	-.05540	.19780	-8.13440
	GRADIENT	-.00026	.35336	.13421	-.10607	-.02438	.00016	.00001	.00001	.00963

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M010) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1902/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.236	-6.147	.94990	977.72510	1747.50000	617.59640	100.10000	3.49620	-.05540	.19770	-6.69080
-4.426	-4.102	.94790	979.64500	1747.00000	616.21040	100.10000	3.49280	-.05530	.19780	-4.98520
-4.143	.188	.94930	979.21680	1748.89990	617.70210	100.30000	3.49660	-.05540	.19770	-2.38730
-3.954	4.286	.94760	981.91600	1750.39990	617.20900	100.40000	3.49680	-.05530	.19780	-4.89730
-3.660	6.249	.94780	980.04130	1747.50000	616.32300	100.40000	3.49120	-.05530	.19780	-6.57940
	GRADIENT	-.00003	.26786	.40561	.12083	.03585	.00048	-.00000	-.00000	.01511

RUN NO. 1903/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.015	-6.276	.95030	979.48710	1751.29980	619.13920	100.30000	3.50260	-.05550	.19770	-6.14660
-.092	-4.420	.94830	980.62010	1749.39990	617.26100	100.40000	3.49560	-.05530	.19780	-4.30340
-.223	-.107	.94860	980.21850	1749.29980	617.41580	100.30000	3.49660	-.05530	.19780	-.02640
-.194	3.616	.94880	980.31270	1749.79980	617.69480	100.20000	3.49860	-.05540	.19780	3.66670
-.139	5.689	.94920	980.59740	1751.09990	618.39750	100.20000	3.50160	-.05540	.19770	5.72610
	GRADIENT	.00006	-.03969	.04786	.05351	-.02484	.00037	-.00001	.00000	.99186

RUN NO. 1904/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.169	-5.692	.94720	981.73050	1749.20000	616.51710	100.20000	3.49540	-.05520	.19780	6.74980
4.103	-3.694	.94670	982.92290	1750.39990	616.65360	100.40000	3.49570	-.05520	.19790	5.22360
4.038	.185	.94830	980.71800	1749.59990	617.33940	100.40000	3.49600	-.05530	.19780	3.99830
3.749	3.981	.94690	982.03270	1749.20000	616.35030	100.40000	3.49350	-.05520	.19790	5.30680
4.066	5.959	.94950	979.70430	1750.09990	618.22730	100.30000	3.49920	-.05540	.19770	6.97380
	GRADIENT	.00003	-.11766	-.15653	-.03872	.00000	-.00029	-.00000	-.00000	.00963

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M011) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3,500
IB-ELV = 8.000 OB-ELV = 5,000

RUN NO. 1907/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.284	-4.251	1.04610	849.49340	1698.29980	650.75830	99.70000	3.49040	-.06070	.19450	-6.88130
-8.113	.173	1.04690	847.41500	1695.79980	650.17500	99.90000	3.48420	-.06070	.19450	-5.14670
-8.036	4.288	1.05190	847.50490	1706.20000	656.45730	99.80000	3.50990	-.06100	.19440	-6.70480
	GRADIENT	.00067	-.23582	.90651	.65738	.01213	.00224	-.00003	-.00001	.02531

RUN NO. 1908/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-6.291	-4.030	1.04670	851.64010	1703.79980	653.13940	99.70000	3.50220	-.06070	.19450	-5.67490
-6.127	.258	1.04830	846.79760	1697.29980	651.36690	99.80000	3.48910	-.06070	.19450	-3.73610
-5.899	4.393	1.04960	848.43650	1703.39990	654.33980	99.70000	3.50340	-.06080	.19440	-5.69400
	GRADIENT	.00034	-.38496	-.05652	.13909	.00014	.00012	-.00001	-.00001	.00053

RUN NO. 1909/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.088	-4.120	1.05000	847.44700	1702.20000	654.05470	99.80000	3.50040	-.06090	.19440	-4.79020
-4.128	.188	1.04660	850.56200	1701.50000	652.22530	99.80000	3.49660	-.06070	.19450	-2.24710
-3.900	4.332	1.04940	847.85230	1701.79980	653.62960	99.80000	3.49910	-.06080	.19440	-4.83870
	GRADIENT	-.00008	.05237	-.04810	-.05274	-.00000	-.00016	.00001	.00000	-.00184

RUN NO. 1910/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-2.409	-4.211	1.04850	848.36300	1700.89990	652.85250	99.80000	3.49660	-.06080	.19450	-4.37830
-2.124	.201	1.04910	848.64550	1702.59990	653.75950	99.80000	3.50050	-.06080	.19450	-.77510
-1.894	4.307	1.04920	848.64230	1702.89990	653.94340	99.80000	3.50120	-.06080	.19450	-4.31050
	GRADIENT	.00008	.03318	.23665	.12903	.00000	.00054	-.00000	.00000	.01799

RUN NO. 1911/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.018	-4.363	1.04870	850.12450	1704.89990	654.49290	99.80000	3.50500	-.06080	.19450	-4.23600
-.117	-.311	1.05050	846.55350	1701.39990	653.96950	99.70000	3.49990	-.06090	.19440	-.21880
-.100	3.545	1.05460	844.21020	1705.00000	657.19750	99.80000	3.50920	-.06110	.19440	3.60260
	GRADIENT	.00074	-.74903	.00523	.33802	-.00021	.00052	-.00004	-.00001	.99124

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M011) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1912/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
2.256	-3.712	1.04660	850.75830	1701.89990	652.38040	99.80000	3.49740	-.06070	.19450	4.23740
1.813	.193	1.05120	852.42600	1714.70000	659.41530	100.00000	3.52530	-.06090	.19440	2.19810
1.750	3.820	1.05060	848.31710	1705.20000	655.48680	99.90000	3.50610	-.06090	.19440	4.19300
	GRADIENT	.00054	-.31454	.47428	.43010	.01376	.00123	-.00003	-.00001	-.01247

RUN NO. 1913/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
3.865	-3.737	1.05200	847.40550	1706.09990	656.44120	99.80000	3.50970	-.06090	.19440	5.05090
4.048	.199	1.04650	850.46610	1701.09990	652.02510	99.60000	3.49730	-.06070	.19450	3.87960
3.794	3.962	1.05360	847.17460	1709.00000	658.30200	99.50000	3.51920	-.06100	.19440	5.23240
	GRADIENT	.00020	-.02384	.36414	.23131	-.03906	.00120	-.00001	.00000	.02113

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M012) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1914/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.347	-6.106	1.09930	791.03420	1687.39990	669.09470	99.80000	3.49800	-.06320	.19440	-8.08340
-8.364	-3.993	1.09620	796.28740	1692.29980	669.86280	99.80000	3.50680	-.06310	.19440	-6.65770
-8.072	.184	1.09660	791.37890	1682.59990	666.16040	99.80000	3.48680	-.06310	.19440	-5.01850
-8.022	4.308	1.09710	791.76200	1684.39990	667.05790	99.80000	3.49080	-.06310	.19440	-6.62960
-7.665	6.314	1.09570	795.90530	1690.39990	668.90630	99.80000	3.50260	-.06300	.19440	-7.91150
	GRADIENT	.00011	-.54656	-.95470	-.33910	-.00000	-.00193	.00000	.00000	.00422

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M012) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 0.000 OB-ELV = 5.000

RUN NO. 1915/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.193	-6.207	1.10100	791.29490	1691.59990	671.43460	100.10000	3.50510	-.06330	.19450	-6.64560
-4.444	-4.180	1.10090	790.12130	1688.79980	670.26950	100.10000	3.49920	-.06330	.19450	-4.93870
-4.113	.188	1.09830	791.93380	1687.39990	668.73830	99.90000	3.49680	-.06310	.19440	-2.20100
-4.012	4.321	1.09750	792.73460	1687.29980	668.36180	99.80000	3.49700	-.06310	.19440	-4.85480
-3.557	6.286	1.10210	791.07840	1693.39990	672.56540	99.90000	3.51100	-.06330	.19450	-6.51020
	GRADIENT	-.00043	.30843	-.17781	-.22500	-.03539	-.00026	.00002	-.00001	.01569

RUN NO. 1916/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.121	-6.312	1.10470	788.28320	1693.00000	673.42700	100.00000	3.51050	-.06340	.19450	-6.16270
.024	-4.419	1.09900	792.01900	1689.00000	669.63620	100.00000	3.49960	-.06320	.19440	-4.28670
-.112	-.153	1.09960	791.81250	1689.70000	670.12550	100.00000	3.50130	-.06320	.19440	-.05900
-.089	3.594	1.09880	791.82640	1688.20000	669.24680	100.00000	3.49790	-.06320	.19440	3.65000
.004	5.689	1.09560	795.12430	1688.39990	668.05050	100.00000	3.49670	-.06300	.19440	5.72610
	GRADIENT	-.00002	-.02460	-.09377	-.04484	.00000	-.00020	-.00000	.00000	.99056

RUN NO. 1941/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.346	-5.638	1.09750	792.04790	1685.89990	667.81860	99.20000	3.49900	-.06310	.19440	6.72300
3.871	-3.631	1.09880	793.19900	1691.09990	670.39140	99.40000	3.50880	-.06320	.19440	4.97120
3.867	.190	1.09840	790.46120	1684.50000	667.63310	99.40000	3.49490	-.06310	.19440	3.74100
3.849	3.958	1.09590	795.60820	1690.09990	668.84990	99.40000	3.50530	-.06300	.19440	5.27830
3.893	5.830	1.09890	791.23780	1687.00000	668.78130	99.40000	3.50030	-.06320	.19440	6.73750
	GRADIENT	-.00038	.31509	-.13547	-.20434	.00000	-.00047	.00003	-.00000	.03963

1A105A, AEDC PWT-TF470, O T S W/SILTS (U8M013) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 5.000

RUN NO. 1918/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.281	-6.346	1.14930	739.38280	1679.59990	683.66700	100.10000	3.49740	-.06550	.19610	-8.19540
-8.396	-3.983	1.14980	739.96240	1681.89990	684.75000	100.00000	3.50310	-.06550	.19610	-6.62960
-8.095	.187	1.15290	738.04880	1684.29980	686.72830	100.10000	3.50810	-.06570	.19630	-4.96400
-7.997	4.295	1.14700	740.49900	1677.20000	681.94920	100.10000	3.49180	-.06540	.19600	-6.56440
-7.721	6.342	1.15120	736.51070	1677.20000	683.30440	100.00000	3.49370	-.06560	.19620	-7.90550
	GRADIENT	-.00034	.06350	-.56485	-.33628	.01211	-.00136	.00001	-.00001	.00886

RUN NO. 1919/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.213	-6.215	1.15230	739.23410	1685.70000	687.10720	100.10000	3.51080	-.06560	.19620	-6.64870
-4.414	-4.150	1.14860	738.12210	1675.20000	681.64600	100.10000	3.48800	-.06550	.19600	-4.90940
-4.116	.190	1.15180	736.69650	1678.89990	684.18600	100.10000	3.49660	-.06560	.19620	-2.20180
-4.004	4.325	1.15300	739.02590	1686.79980	687.78740	100.20000	3.51250	-.06570	.19630	-4.84980
-3.590	6.299	1.14870	738.31670	1675.79980	681.91380	100.00000	3.49010	-.06550	.19600	-6.51520
	GRADIENT	.00052	.10303	1.36429	.72342	.01170	.00288	-.00002	.00004	.01214

RUN NO. 1920/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.143	-6.307	1.15310	736.08860	1680.09990	685.05620	100.10000	3.49930	-.06570	.19630	-6.15570
.072	-4.418	1.14780	741.36650	1680.89990	683.71560	100.10000	3.49970	-.06540	.19600	-4.28510
-.073	-.151	1.15310	738.43820	1685.50000	687.26340	99.80000	3.51310	-.06570	.19630	-.05940
-.041	3.586	1.14890	738.60690	1676.89990	682.42770	100.10000	3.49160	-.06550	.19610	3.64570
.055	5.686	1.14950	737.61790	1675.89990	682.20700	100.00000	3.49050	-.06550	.19610	5.72720
	GRADIENT	.00016	-.35282	-.46271	-.13760	-.00165	-.00091	-.00001	.00001	.99089

RUN NO. 1921/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.208	-5.635	1.15320	738.14160	1685.20000	687.19630	100.10000	3.51000	-.06570	.19630	6.64630
3.877	-3.650	1.14790	739.30880	1676.39990	681.91020	100.00000	3.49120	-.06540	.19600	4.96250
4.040	.105	1.15170	737.28590	1680.00000	684.59840	100.10000	3.49880	-.06560	.19620	3.81700
3.768	3.951	1.15000	738.78370	1679.70000	683.92580	99.90000	3.49940	-.06550	.19610	5.18200
4.067	5.908	1.15300	738.24370	1684.89990	686.99580	100.00000	3.51020	-.06560	.19630	6.85330
	GRADIENT	.00028	-.07088	.43612	.26687	-.01300	.00108	-.00001	.00001	.02758

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M014) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1923/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.127	-4.013	1.24840	649.38430	1678.39990	708.39260	100.30000	3.50030	-.07020	.20610	-6.48910
-8.066	.197	1.24780	648.51220	1674.89990	706.80880	100.10000	3.49470	-.07010	.20600	-5.01040
-8.004	4.321	1.24790	650.46480	1680.20000	709.06740	100.10000	3.50580	-.07010	.20600	-6.56840
	GRADIENT	-.00006	.12847	.21234	.07937	-.02408	.00065	.00001	-.00001	-.00826

RUN NO. 1924/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-6.292	-4.055	1.24930	648.49190	1678.29980	708.53830	100.10000	3.50170	-.07020	.20620	-5.60740
-6.110	.204	1.25390	646.08790	1682.29980	711.08300	100.10000	3.50950	-.07040	.20690	-3.66340
-6.007	4.339	1.24930	645.36600	1670.09990	705.06710	100.00000	3.48540	-.07020	.20620	-5.62550
	GRADIENT	.00001	-.37336	-.96729	-.40847	-.01185	-.00192	-.00000	.00000	.00014

RUN NO. 1925/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.275	-4.114	1.25090	645.05250	1672.79980	706.50370	100.10000	3.49000	-.07030	.20650	-4.82150
-4.122	.196	1.24810	649.38770	1677.79980	708.08720	100.10000	3.50070	-.07010	.20600	-2.26200
-3.991	4.313	1.25340	646.58300	1682.39990	711.02730	100.10000	3.50970	-.07040	.20690	-4.83160
	GRADIENT	.00029	.18804	1.13923	.53541	.00000	.00234	-.00001	.00005	.00345

RUN NO. 1926/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-2.439	-4.223	1.25130	645.63280	1675.29980	707.64280	100.10000	3.49520	-.07030	.20650	-4.38590
-2.137	.202	1.24830	648.21220	1675.29980	707.07810	100.10000	3.49550	-.07020	.20610	-.82750
-1.887	4.328	1.24750	646.95260	1670.20000	704.76760	100.00000	3.48580	-.07010	.20590	-4.32870
	GRADIENT	-.00045	.15951	-.58922	-.33373	-.01155	-.00109	.00002	-.00007	.01629

RUN NO. 1927/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.021	-4.370	1.24830	647.91870	1674.59990	706.78760	100.10000	3.49400	-.07010	.20610	-4.23450
-.056	-.314	1.25090	645.24780	1673.29980	706.71410	99.90000	3.49270	-.07030	.20650	-.21590
-.054	3.545	1.24950	647.51250	1676.20000	707.68870	99.90000	3.49890	-.07020	.20630	3.60690
	GRADIENT	.00016	-.05646	.19775	.11273	-.02547	.00061	-.00001	.00003	.99074

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M014) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1928/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
2.250	-3.701	1.25060	646.42410	1675.70000	707.67330	100.00000	3.49690	-.07030	.20640	4.19190
2.113	.213	1.25220	645.71850	1677.59990	708.78780	100.00000	3.50070	-.07030	.20670	2.36010
1.739	3.804	1.25270	645.32130	1677.70000	708.92410	99.90000	3.50170	-.07040	.20680	4.15400
	GRADIENT	.00028	-.14745	.26978	.16844	-.01313	.00064	-.00001	.00005	-.01199

RUN NO. 1929/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
3.952	-3.713	1.24870	647.22950	1673.70000	706.48290	100.10000	3.49210	-.07010	.20610	5.04430
4.034	.205	1.25010	646.13720	1673.89990	706.82420	100.00000	3.49320	-.07030	.20630	3.78300
3.772	3.951	1.24950	646.14550	1672.50000	706.11280	100.10000	3.48950	-.07020	.20620	5.17660
	GRADIENT	.00011	-.14248	-.15498	-.04725	-.00019	-.00033	-.00001	.00001	.01467

IA105A, AEDC PWT-TF470, O T S .W/SILTS (U8M015) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1931/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.234	-6.080	1.40310	532.04490	1700.59990	733.23580	100.70000	3.48980	-.08580	.24670	-7.89650
-8.418	-3.969	1.39970	534.12450	1699.09990	732.54320	100.70000	3.48870	-.08520	.24540	-6.54330
-8.121	.238	1.40450	532.51880	1705.39990	735.32060	100.70000	3.49890	-.08610	.24720	-4.92150
-7.968	4.360	1.40060	532.75170	1696.79980	731.56450	100.50000	3.48510	-.08540	.24570	-6.51120
-7.702	6.348	1.40040	536.26200	1707.50000	736.17480	100.70000	3.50550	-.08530	.24560	-7.83450
	GRADIENT	.00011	-.16557	-.27001	-.11481	-.02393	-.00042	-.00002	.00004	.00518

1A105A, AEDC PWT-TF470, 0 T S W/SILTS (U8M015) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1932/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.303	-6.194	1.40360	531.74800	1700.79980	733.32760	100.70000	3.49000	-.08600	.24690	-6.61150
-4.472	-4.137	1.40320	532.72660	1702.89990	734.22830	100.70000	3.49450	-.08590	.24670	-4.86190
-4.134	.244	1.40380	532.91550	1705.00000	735.14060	100.30000	3.50180	-.08600	.24690	-2.16920
-4.010	4.350	1.40070	534.01780	1701.00000	733.37650	100.30000	3.49540	-.08540	.24570	-4.82960
-3.564	6.316	1.40080	534.30880	1702.29980	733.93900	100.10000	3.49960	-.08540	.24580	-6.50320
	GRADIENT	-.00029	.15092	-.21603	-.09693	-.04762	.00012	.00006	-.00012	.01060

RUN NO. 1933/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.064	-6.345	1.40130	533.71970	1701.50000	733.60030	100.20000	3.49690	-.08550	.24600	-6.17170
-.116	-4.439	1.40300	532.33860	1701.20000	733.49290	100.20000	3.49530	-.08580	.24660	-4.28310
-.174	-.180	1.40090	533.91850	1701.20000	733.46560	100.10000	3.49730	-.08540	.24580	-.06440
-.227	3.569	1.40050	534.11720	1700.89990	733.33080	100.10000	3.49690	-.08530	.24570	3.64620
-.170	5.665	1.40040	533.92330	1700.00000	732.94090	100.10000	3.49510	-.08530	.24560	5.72060
	GRADIENT	-.00032	.22514	-.03663	-.01993	-.01273	.00021	.00006	-.00011	.99012

RUN NO. 1934/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.219	-5.605	1.39830	535.21020	1699.20000	732.56400	100.30000	3.49300	-.08490	.24490	6.62520
3.889	-3.609	1.39780	537.45700	1705.00000	735.05490	100.10000	3.50680	-.08480	.24460	4.94060
3.995	.242	1.40000	534.41410	1700.70000	733.23750	100.10000	3.49680	-.08520	.24550	3.79170
3.711	3.978	1.39830	533.94380	1695.00000	730.75200	100.10000	3.48600	-.08490	.24480	5.19630
3.998	5.931	1.39940	536.66160	1706.39990	735.68550	100.20000	3.50800	-.08510	.24530	6.86450
	GRADIENT	.00007	-.46477	-1.31707	-.56668	.00000	-.00274	-.00001	.00003	.03199

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M016) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1936/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.379	-6.021	1.54950	406.92750	1605.50000	683.88400	99.50000	3.20370	-.14840	.32360	-8.02240
-8.521	-3.920	1.54870	406.54610	1602.09990	682.53170	99.50000	3.19760	-.14780	.32310	-6.69180
-8.372	.437	1.54820	407.23290	1603.70000	683.26900	99.50000	3.20110	-.14740	.32280	-5.29600
-7.678	4.475	1.54780	407.43140	1603.59990	683.27080	99.40000	3.20200	-.14720	.32250	-6.50720
-7.785	6.469	1.54910	406.63940	1603.39990	683.03630	99.50000	3.19980	-.14810	.32330	-8.00840
	GRADIENT	-.00011	.10615	.18117	.08911	-.01176	.00053	.00007	-.00007	.02593

RUN NO. 1937/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.402	-6.202	1.55020	406.14110	1604.00000	683.16330	99.50000	3.20010	-.14890	.32410	-6.63660
-4.585	-4.123	1.55140	405.54370	1604.59990	683.26710	99.30000	3.20180	-.15000	.32490	-4.89730
-4.216	.315	1.54960	405.65990	1600.79980	681.86670	99.50000	3.19420	-.14850	.32370	-2.25000
-3.972	4.450	1.54870	406.74070	1602.89990	682.87080	99.60000	3.19840	-.14790	.32310	-4.87100
-3.563	6.358	1.54880	406.83720	1603.50000	683.11520	99.60000	3.19950	-.14790	.32310	-6.49810
	GRADIENT	-.00032	.13823	-.20630	-.04950	.03511	-.00041	.00025	-.00021	.01030

RUN NO. 1938/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.223	-6.403	1.54910	406.93090	1604.70000	683.58450	99.70000	3.20080	-.14810	.32340	-6.17370
-.278	-4.487	1.54930	406.83150	1604.79980	683.60210	99.50000	3.20240	-.14830	.32350	-4.27300
-.353	-.246	1.55110	406.03440	1605.70000	683.77880	99.60000	3.20200	-.14960	.32470	-.06900
-.363	3.501	1.55080	406.52390	1607.09990	684.40230	99.70000	3.20420	-.14950	.32450	3.64680
-.337	5.596	1.55060	406.42820	1606.29980	684.08350	99.70000	3.20280	-.14940	.32440	5.72390
	GRADIENT	.00019	-.04177	.28627	.09889	.02500	.00022	-.00015	.00013	.99139

RUN NO. 1939/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.249	-5.525	1.55020	407.01710	1607.59990	684.68950	99.80000	3.20500	-.14900	.32410	6.71410
3.891	-3.515	1.55060	407.01370	1608.39990	684.98850	99.90000	3.20550	-.14930	.32440	5.03890
3.904	.321	1.55100	406.61990	1607.79980	684.68410	99.80000	3.20470	-.14960	.32460	3.89580
3.600	3.996	1.55050	404.96880	1600.20000	681.50240	99.70000	3.19070	-.14920	.32430	5.28270
3.863	5.942	1.55080	402.53100	1591.20000	677.63720	99.70000	3.17260	-.14940	.32450	6.94700
	GRADIENT	-.00001	-.27101	-1.08488	-.46132	-.02662	-.00196	.00001	-.00001	.03004

1A105A, AEDC PWT-TF470, O T S WO/SILTS (U8M017) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 9.000

RUN NO. 1733/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.221	-7.919	.59920	1754.67310	2236.70001	441.00710	98.20000	3.51100	.07740	.19630	-10.24940
-8.052	-3.861	.60060	1753.43381	2237.59991	442.77980	98.90000	3.51260	.07570	.19640	-7.35320
-8.155	.330	.59960	1754.45900	2237.20001	441.60300	98.60000	3.51040	.07680	.19630	-6.24210
-7.913	4.171	.60150	1752.60989	2238.09991	443.87500	98.50000	3.52030	.07470	.19650	-7.42530
-7.605	8.101	.59930	1757.54050	2240.50000	441.84960	98.60000	3.51410	.07730	.19630	-10.07560
	GRADIENT	.00011	-.09732	.05986	.13003	-.05013	.00094	-.00012	.00001	-.00482

RUN NO. 1734/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.195	-8.049	.60060	1749.67480	2232.70001	441.74390	98.30000	3.50950	.07580	.19640	-8.68490
-4.150	-3.936	.60090	1754.90990	2239.89990	443.50240	98.70000	3.51880	.07540	.19650	-5.01140
-3.991	.187	.59970	1753.96359	2236.59991	441.50510	99.20000	3.50480	.07680	.19630	-2.67990
-3.852	4.174	.60020	1750.97310	2233.79980	441.60400	99.20000	3.50270	.07610	.19640	-5.07910
-3.795	8.170	.59960	1750.40359	2231.89990	440.47410	99.20000	3.49700	.07690	.19630	-8.68090
	GRADIENT	-.00009	-.48392	-.75230	-.23549	.06199	-.00199	.00009	-.00001	-.00507

RUN NO. 1735/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.154	-8.107	.59930	1749.02710	2229.70001	439.75370	99.30000	3.49170	.07720	.19630	-8.11540
-.265	-4.269	.60090	1749.85890	2233.59991	442.34910	99.50000	3.50290	.07530	.19650	-4.29480
-.249	-.051	.60080	1752.73511	2237.00000	442.84840	99.50000	3.50760	.07550	.19650	-.09900
-.210	3.799	.60170	1750.03050	2235.09991	443.46850	99.40000	3.50900	.07450	.19660	3.73240
-.129	7.818	.60150	1753.00591	2238.59991	443.97050	99.80000	3.51060	.07470	.19650	7.73280
	GRADIENT	.00010	.03178	.19579	.13842	-.01220	.00076	-.00010	.00001	.99494

RUN NO. 1736/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.482	-7.702	.59920	1756.25710	2238.70001	441.38920	99.50000	3.50370	.07740	.19630	8.64930
4.158	-3.819	.59940	1757.04300	2240.00000	441.83760	99.20000	3.50890	.07720	.19630	5.49870
4.112	.193	.59990	1757.61870	2241.59991	442.71020	99.30000	3.51260	.07660	.19630	4.21470
3.848	4.108	.59910	1758.14211	2240.89990	441.69240	99.20000	3.50910	.07750	.19620	5.52170
3.871	7.972	.60210	1762.68159	2252.09991	447.38160	99.40000	3.53770	.07390	.19660	8.66070
	GRADIENT	-.00004	.13867	.11470	-.01734	.00010	.00004	.00004	-.00001	.00157

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M017) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1737/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
8.253	-7.785	.60000	1754.54590	2237.89990	442.12040	99.00000	3.50970	.07640	.19640	10.73600
8.166	-7.775	.60050	1749.87399	2232.89990	441.74900	99.10000	3.50330	.07580	.19640	8.42850
7.790	153	.60120	1754.00560	2239.39990	443.82350	99.20000	3.51560	.07500	.19650	7.34630
8.129	137	.60000	1754.74490	2238.09991	442.12520	99.20000	3.50830	.07650	.19640	8.57410
8.186	.098	.60010	1751.66991	2234.50000	441.62110	99.20000	3.50340	.07630	.19640	10.92380
	GRADIENT	-.00006	.61463	.65489	.04641	.01261	.00063	.00009	-.00000	.01910

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1738/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.173	-5.987	.79890	1232.42360	1876.59990	550.62080	100.10000	3.49370	-.03810	.20410	-8.43720
-8.376	-3.895	.79880	1234.99220	1880.29980	551.61210	100.10000	3.50030	-.03810	.20410	-7.20900
-8.293	.322	.79850	1230.06760	1872.29980	549.04050	99.90000	3.48640	-.03800	.20410	-5.90830
-8.019	4.257	.79660	1238.41209	1881.50000	550.16970	100.10000	3.49780	-.03760	.20410	-7.18190
-7.776	6.225	.80150	1234.71091	1885.00000	555.28080	100.10000	3.51510	-.03860	.20400	-8.36520
	GRADIENT	-.00027	.40049	.12273	-.18212	-.00057	-.00034	.00006	-.00000	.00698

RUN NO. 1739/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.263	-6.107	.80260	1229.64819	1879.20000	554.42940	99.80000	3.50890	-.03880	.20400	-6.74800
-4.442	-4.069	.80050	1230.20610	1876.09990	551.75930	99.80000	3.49850	-.03840	.20400	-5.06290
-4.097	.196	.79900	1229.46040	1872.29980	549.45390	99.50000	3.49070	-.03810	.20410	-2.55020
-3.914	4.266	.79620	1234.57710	1874.89990	547.89210	99.50000	3.48950	-.03750	.20410	-5.00230
-3.647	6.199	.79670	1235.74580	1877.59990	549.09690	99.50000	3.49560	-.03760	.20410	-6.64260
	GRADIENT	-.00051	.51888	-.14994	-.46462	-.03627	-.00109	.00011	.00001	.01191

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1740/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.155	-6.208	.79980	1233.87740	1880.39990	552.44460	99.60000	3.50660	-.03830	.20410	-6.10340
-.231	-4.071	.80170	1232.04131	1881.29980	554.35790	99.80000	3.51100	-.03870	.20400	-3.97830
-.241	-.164	.79970	1228.64940	1872.39990	550.07980	99.70000	3.49090	-.03830	.20410	-.09810
-.169	3.697	.79540	1230.35910	1867.00000	544.91110	99.80000	3.47060	-.03730	.20420	3.73830
-.077	5.709	.79740	1233.65280	1875.70000	549.11620	99.90000	3.49040	-.03780	.20410	5.74040
	GRADIENT	-.00081	-.21780	-1.84165	-1.21585	-.00005	-.00520	.00018	.00003	.99336

RUN NO. 1741/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.161	-5.701	.79760	1231.87041	1873.39990	548.62700	99.80000	3.48740	-.03780	.20410	6.81320
3.893	-3.687	.79780	1230.88040	1872.09990	548.33840	99.90000	3.48440	-.03780	.20410	5.15910
4.062	.201	.79990	1235.74609	1883.59990	553.54200	99.80000	3.51140	-.03830	.20400	4.04260
3.780	4.013	.80180	1233.61650	1883.89990	555.21040	99.90000	3.51530	-.03870	.20400	5.32540
3.960	5.978	.79700	1230.40970	1870.00000	547.10250	99.80000	3.47960	-.03770	.20410	6.95590
	GRADIENT	.00052	.35823	1.53701	.89386	-.00008	.00402	-.00012	-.00001	.02059

RUN NO. 1742/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.380	-5.710	.80050	1232.86890	1880.20000	552.98240	99.90000	3.50540	-.03840	.20400	8.01720
6.047	-3.717	.79760	1235.81841	1879.29980	550.30810	99.90000	3.49740	-.03780	.20410	6.62740
5.995	.208	.79740	1235.13380	1877.89990	549.73730	100.10000	3.49280	-.03780	.20410	5.59090
5.623	4.011	.79640	1234.07790	1874.50000	547.93630	99.80000	3.48670	-.03760	.20410	6.51190
5.919	5.943	.79710	1231.68970	1872.09990	547.78610	99.90000	3.48290	-.03770	.20410	7.93020
	GRADIENT	-.00015	-.22496	-.61970	-.30606	-.01260	-.00138	.00003	-.00000	-.01628

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M019) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1743/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.300	-6.000	.89930	1053.86180	1781.09990	596.64600	99.80000	3.49710	-.05170	.20010	-8.35620
-8.382	-3.912	.89880	1055.05791	1782.09990	596.62080	99.70000	3.49910	-.05170	.20010	-7.03670
-8.302	.352	.89890	1055.44850	1783.00000	597.00710	99.80000	3.50020	-.05170	.20010	-5.71910
-8.014	4.255	.90080	1054.11650	1784.39990	598.76170	99.70000	3.50660	-.05180	.20000	-6.99260
-7.780	6.257	.90100	1054.40601	1785.29980	599.20750	99.50000	3.51030	-.05190	.20000	-8.24130
	GRADIENT	.00024	-.11208	.28053	.25949	.00036	.00091	-.00001	-.00001	.01008

RUN NO. 1744/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.239	-6.133	.90130	1049.86870	1778.20000	597.02910	99.50000	3.49680	-.05190	.20000	-6.70580
-4.434	-4.108	.89850	1050.92990	1774.59990	593.92410	99.50000	3.48550	-.05160	.20010	-5.02150
-4.146	.190	.89880	1054.46730	1781.09990	596.28540	99.50000	3.49870	-.05170	.20010	-2.49110
-3.956	4.276	.90390	1053.04691	1788.59990	602.27640	99.40000	3.52190	-.05210	.19990	-4.95790
-3.661	6.248	.90370	1050.39580	1783.59990	600.41940	99.50000	3.51090	-.05210	.19990	-6.62960
	GRADIENT	.00064	.25742	1.66853	.99240	-.01183	.00433	-.00006	-.00002	.01258

RUN NO. 1745/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.116	-6.240	.89690	1053.43480	1775.79980	593.25440	99.40000	3.48630	-.05150	.20020	-6.11750
-.210	-4.410	.89500	1056.14600	1776.70000	592.25170	99.40000	3.48520	-.05130	.20030	-4.30030
-.239	-.309	.90290	1055.04390	1790.00000	602.05350	99.50000	3.52230	-.05200	.19990	-.22850
-.158	3.623	.90480	1055.68069	1794.79980	604.96480	99.60000	3.53380	-.05220	.19980	3.67480
-.061	5.689	.90040	1052.25630	1780.50000	597.18920	99.30000	3.50160	-.05180	.20010	5.72830
	GRADIENT	.00123	-.05943	2.26029	1.58841	.02489	.00607	-.00011	-.00006	.99281

RUN NO. 1746/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.156	-5.683	.90120	1054.89310	1786.50000	599.74220	99.80000	3.51050	-.05190	.20000	6.75980
3.865	-3.681	.90080	1054.60941	1785.20000	599.01830	100.10000	3.50490	-.05180	.20000	5.10440
4.060	.198	.89830	1054.08720	1779.50000	595.41160	99.80000	3.49240	-.05160	.20020	3.98860
3.771	4.002	.89690	1051.86130	1773.00000	592.26660	100.00000	3.47590	-.05150	.20020	5.28930
3.967	5.962	.89700	1056.09331	1780.29980	594.76440	99.90000	3.49110	-.05150	.20020	6.92580
	GRADIENT	-.00051	-.35696	-1.58753	-.87895	-.01323	-.00377	.00004	.00003	.02305

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M020) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1747/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.331	-6.022	.94880	982.47460	1753.79980	619.15010	99.80000	3.50990	-.05530	.19780	-8.31030
-8.390	-3.935	.94840	980.61600	1749.70000	617.46170	99.70000	3.50200	-.05530	.19780	-6.96450
-8.292	.333	.95010	980.37740	1752.50000	619.44310	99.80000	3.50880	-.05540	.19770	-5.61540
-7.974	4.261	.94530	982.95780	1747.79980	614.91190	99.80000	3.49370	-.05510	.19790	-6.92640
-7.803	6.252	.94760	980.83470	1748.39990	616.48120	99.80000	3.49760	-.05530	.19780	-8.19640
	GRADIENT	-.00037	.28078	-.21902	-.29990	.01236	-.00098	.00002	.00001	.00914

RUN NO. 1748/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.224	-6.145	.94680	983.21440	1751.20000	617.02270	99.70000	3.50310	-.05520	.19790	-6.68780
-4.450	-4.102	.94660	984.20410	1752.50000	617.33720	99.80000	3.50460	-.05520	.19790	-4.99220
-4.126	.187	.95080	976.91670	1747.70000	618.17160	99.60000	3.50160	-.05550	.19770	-2.43470
-3.940	4.271	.94650	983.02640	1750.20000	616.46410	99.70000	3.50070	-.05520	.19790	-4.93770
-3.682	6.247	.94930	981.18290	1752.50000	619.00100	99.80000	3.50790	-.05540	.19770	-6.61660
	GRADIENT	-.00000	-.15367	-.28174	-.10178	-.01223	-.00047	-.00000	-.00000	.01144

RUN NO. 1749/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.075	-6.243	.94650	984.60160	1752.89990	617.38280	99.70000	3.50600	-.05520	.19790	-6.11340
-.148	-4.421	.94800	979.93770	1747.70000	616.51220	99.70000	3.49750	-.05530	.19780	-4.30290
-.182	-.100	.94880	976.47580	1743.00000	615.30910	99.70000	3.48900	-.05530	.19780	-.01820
-.103	3.616	.95190	978.36210	1752.59990	620.61300	99.70000	3.51210	-.05550	.19760	3.66830
.020	5.685	.95240	977.26900	1751.50000	620.48540	99.70000	3.51040	-.05560	.19760	5.72280
	GRADIENT	.00048	-.21237	.56395	.48901	.00000	.00171	-.00002	-.00002	.99187

RUN NO. 1750/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.166	-5.678	.95000	978.41260	1748.79980	618.07760	99.80000	3.50130	-.05540	.19770	6.73190
3.868	-3.687	.94570	982.35770	1747.50000	615.04490	99.70000	3.49430	-.05520	.19790	5.07930
4.046	.193	.94890	980.01440	1749.50000	617.66040	99.70000	3.50220	-.05540	.19780	3.96920
3.727	3.971	.94650	982.14140	1748.59990	615.89310	99.80000	3.49670	-.05520	.19790	5.23130
4.068	5.968	.94780	981.02690	1749.09990	616.83860	99.70000	3.50000	-.05530	.19780	6.94030
	GRADIENT	.00011	-.03083	.14529	.11328	.01300	.00032	-.00000	-.00000	.01848

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (U8M021) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1751/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.278	-6.079	1.05170	850.45310	1711.70000	658.47680	100.00000	3.51940	-.06090	.19440	-8.13340
-8.437	-3.967	1.04900	845.60520	1696.29980	651.29540	99.90000	3.48670	-.06080	.19450	-6.77100
-8.250	.329	1.05030	846.85300	1701.50000	653.89580	99.90000	3.49830	-.06090	.19440	-5.36150
-7.990	4.294	1.05040	848.32150	1704.79980	655.24220	99.90000	3.50520	-.06090	.19440	-6.72790
-7.722	6.301	1.05060	847.72850	1704.00000	655.02200	100.10000	3.50200	-.06090	.19440	-8.00840
	GRADIENT	.00017	.32825	1.03137	.47900	.00000	.00225	-.00001	-.00001	.00969

RUN NO. 1752/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.181	-6.192	1.04820	849.44850	1702.50000	653.33720	99.80000	3.49970	-.06070	.19450	-6.65270
-4.443	-4.135	1.04910	849.33130	1704.09990	654.36330	99.90000	3.50280	-.06080	.19450	-4.94370
-4.226	.201	1.05130	847.12620	1704.09990	655.35230	99.80000	3.50510	-.06090	.19440	-2.41190
-3.989	4.322	1.04670	850.26560	1701.09990	652.11570	99.80000	3.49580	-.06070	.19450	-4.92050
-3.600	6.249	1.05190	849.07540	1709.29980	657.63620	100.00000	3.51460	-.06090	.19440	-6.53030
	GRADIENT	-.00028	.10511	-.35166	-.26149	-.01192	-.00082	.00001	-.00000	.00778

RUN NO. 1753/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.059	-6.288	1.04500	848.33890	1693.79980	648.53710	99.70000	3.48040	-.06060	.19450	-6.14360
-.038	-4.392	1.04510	851.67430	1700.59990	651.17260	99.80000	3.49360	-.06060	.19450	-4.26490
-.061	-.269	1.05260	846.11650	1704.79980	656.22800	100.00000	3.50580	-.06100	.19440	-.17880
.032	3.576	1.05270	844.93700	1702.59990	655.42020	100.00000	3.50140	-.06100	.19440	3.63330
.131	5.674	1.05030	848.61890	1705.09990	655.29100	100.10000	3.50410	-.06090	.19440	5.71290
	GRADIENT	.00096	-.85158	.26022	.54140	.02538	.00100	-.00005	-.00001	.99124

RUN NO. 1754/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.185	-5.635	1.04710	850.94360	1703.29980	653.14970	100.10000	3.49820	-.06070	.19450	6.65520
3.904	-3.685	1.04590	853.12990	1705.09990	653.25760	100.10000	3.50130	-.06060	.19450	5.03120
4.050	.197	1.05250	845.62790	1703.59990	655.71830	100.10000	3.50250	-.06090	.19440	3.82240
3.748	3.966	1.04950	846.96830	1700.09990	652.99340	100.20000	3.49240	-.06080	.19440	5.16240
4.091	5.916	1.04610	851.84910	1703.00000	652.55740	100.20000	3.49600	-.06070	.19450	6.63890
	GRADIENT	.00048	-.81106	-.65223	-.03118	.01301	-.00112	-.00003	-.00001	.01550

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M022) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1755/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.308	-6.104	1.10470	789.06710	1694.70000	674.10620	100.40000	3.51070	-.06340	.19450	-8.09640
-8.371	-3.980	1.09750	790.57710	1682.79980	666.59640	100.20000	3.48440	-.06310	.19440	-6.69980
-8.323	.334	1.10010	790.92020	1688.89990	670.01270	100.20000	3.49830	-.06330	.19440	-5.32320
-7.974	4.302	1.09600	793.84130	1686.59990	667.51220	100.10000	3.49240	-.06300	.19440	-6.70080
-7.733	6.301	1.10330	788.70340	1690.79980	671.98780	100.20000	3.50360	-.06340	.19450	-7.98950
	GRADIENT	-.00017	.38956	.47269	.12046	-.01190	.00100	.00001	-.00000	.00451

RUN NO. 1756/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.204	-6.195	1.09760	791.36010	1684.59990	667.33450	100.10000	3.48900	-.06310	.19440	-6.64160
-4.424	-4.148	1.09730	793.13090	1687.70000	668.43730	100.20000	3.49450	-.06310	.19440	-4.92660
-4.101	.185	1.10050	791.40230	1690.79980	670.92720	100.40000	3.50080	-.06320	.19440	-2.32050
-4.007	4.331	1.09880	791.63110	1687.70000	669.03300	100.10000	3.49600	-.06320	.19440	-4.93370
-3.575	6.291	1.10240	791.75850	1695.50000	673.51760	100.40000	3.51130	-.06330	.19450	-6.56740
	GRADIENT	.00018	-.17856	.00541	.07407	-.01136	.00019	-.00001	.00000	.00372

RUN NO. 1757/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.073	-6.284	1.09870	791.92650	1688.20000	669.20700	100.40000	3.49460	-.06320	.19440	-6.14160
-.029	-4.396	1.10130	791.19040	1692.09990	671.76640	100.40000	3.50380	-.06330	.19450	-4.27090
-.087	-.174	1.09900	791.13770	1687.00000	668.82080	100.30000	3.49300	-.06320	.19440	-.08500
-.002	3.598	1.09680	795.98270	1692.79980	670.27590	100.30000	3.50400	-.06310	.19440	3.65540
.120	5.675	1.10200	788.23780	1687.09990	670.02290	100.30000	3.49460	-.06330	.19450	5.71620
	GRADIENT	-.00056	.58737	.06191	-.19657	-.01273	-.00003	.00002	-.00001	.99153

RUN NO. 1758/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.211	-5.638	1.09850	793.30370	1690.59990	670.05880	100.20000	3.50100	-.06310	.19440	6.65960
3.891	-3.654	1.09740	792.73660	1687.09990	668.24440	100.10000	3.49410	-.06310	.19440	4.97990
4.033	.195	1.09920	790.15190	1685.50000	668.33790	100.20000	3.49080	-.06320	.19440	3.80080
3.763	3.953	1.09760	795.28100	1693.00000	670.67190	100.10000	3.50640	-.06310	.19440	5.16020
4.077	5.906	1.10130	790.50440	1690.59990	671.16480	100.20000	3.50240	-.06330	.19450	6.83770
	GRADIENT	.00003	.33044	.77085	.31794	.00010	.00161	-.00000	-.00000	.02237

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M023) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1759/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.269	-6.117	1.15130	736.31370	1676.89990	683.20410	100.40000	3.48980	-.06560	.19620	-8.08840
-8.353	-3.978	1.14670	742.16850	1680.39990	683.16260	100.20000	3.49750	-.06540	.19600	-6.70780
-8.092	.179	1.15030	738.19120	1679.00000	683.73710	100.40000	3.49390	-.06550	.19610	-5.16380
-7.959	4.292	1.14940	740.75200	1682.89990	685.03830	100.40000	3.50180	-.06550	.19610	-6.66470
-7.758	6.333	1.14780	739.30980	1676.29980	681.85400	100.20000	3.48930	-.06540	.19600	-7.99350
	GRADIENT	.00033	-.17266	.30115	.22604	.02422	.00052	-.00001	.00001	.00586

RUN NO. 1760/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.180	-6.209	1.15360	734.12130	1676.79980	683.88530	100.30000	3.49100	-.06570	.19630	-6.64970
-4.416	-4.152	1.15250	737.46850	1682.09990	685.70260	100.20000	3.50260	-.06560	.19630	-4.93260
-4.118	.184	1.15200	736.98830	1679.79980	684.58740	100.40000	3.49600	-.06560	.19620	-2.34430
-3.976	4.321	1.15160	738.46220	1682.50000	685.59030	99.50000	3.50890	-.06560	.19620	-4.90940
-3.599	6.289	1.15070	737.69510	1678.70000	683.73800	99.20000	3.50320	-.06550	.19620	-6.56040
	GRADIENT	-.00011	.11545	.04257	-.01522	-.08158	.00073	-.00000	-.00001	.00753

RUN NO. 1761/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.077	-6.278	1.15030	737.01640	1676.29980	682.63330	99.30000	3.49730	-.06550	.19610	-6.13350
-.011	-4.402	1.15080	737.98780	1679.50000	684.08370	99.20000	3.50490	-.06560	.19620	-4.27350
-.051	-.167	1.14850	739.00490	1677.00000	682.34790	99.30000	3.49830	-.06540	.19600	-.07530
.032	3.598	1.14960	737.12570	1675.09990	681.92900	99.20000	3.49540	-.06550	.19610	3.65750
.182	5.681	1.14950	742.61110	1687.29980	686.85600	99.30000	3.52000	-.06550	.19610	5.72390
	GRADIENT	-.00016	-.10055	-.55080	-.27222	.00049	-.00120	.00001	-.00001	.99123

RUN NO. 1762/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.215	-5.635	1.15120	738.66480	1682.09990	685.30000	99.30000	3.50960	-.06560	.19620	6.65850
3.897	-3.649	1.15060	739.16580	1681.79980	684.96410	99.30000	3.50830	-.06550	.19610	4.97770
4.030	.195	1.15250	737.66460	1682.50000	685.85860	99.20000	3.51160	-.06560	.19630	3.76960
3.765	3.951	1.15300	736.48190	1680.79980	685.31250	99.20000	3.50820	-.06560	.19630	5.13830
4.040	5.901	1.15310	735.40280	1678.59990	684.45410	99.20000	3.50360	-.06570	.19630	6.80540
	GRADIENT	.00032	-.35331	-.13035	.04658	-.01321	-.00008	-.00001	.00003	.01982

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M024) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1763/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.295	-6.115	1.24890	648.00950	1676.00000	707.47800	99.60000	3.50100	-.07020	.20620	-8.05940
-8.421	-3.987	1.25120	646.31840	1676.79980	708.25320	99.50000	3.50330	-.07030	.20650	-6.66770
-8.273	.348	1.25150	646.41160	1677.79980	708.73900	99.60000	3.50450	-.07030	.20660	-5.24860
-8.000	4.320	1.25270	646.20170	1679.79980	709.79570	99.50000	3.50940	-.07030	.20680	-6.65670
-7.768	6.341	1.25140	647.29320	1679.70000	709.50900	99.50000	3.50930	-.07030	.20650	-7.96350
	GRADIENT	.00018	-.01351	.35914	.18406	.00035	.00073	.00000	.00004	.00628

RUN NO. 1764/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.220	-6.198	1.24840	647.82010	1674.50000	706.75880	99.40000	3.49960	-.07010	.20610	-6.64260
-4.444	-4.150	1.25220	647.37940	1681.89990	710.60330	99.50000	3.51380	-.07040	.20670	-4.92460
-4.107	.191	1.24700	649.10860	1674.70000	706.57470	99.50000	3.49930	-.07010	.20590	-2.31100
-3.991	4.312	1.24840	647.72270	1674.20000	706.62790	99.50000	3.49810	-.07020	.20610	-4.88520
-3.623	6.316	1.25070	646.03200	1674.89990	707.35350	99.40000	3.50020	-.07030	.20640	-6.57140
	GRADIENT	-.00046	.04376	-.91659	-.47387	-.00000	-.00187	.00002	-.00007	.00999

RUN NO. 1765/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.065	-6.295	1.25200	646.11230	1678.09990	708.95560	99.50000	3.50590	-.07030	.20660	-6.14260
-.011	-4.413	1.24700	648.62040	1673.39990	706.02270	99.50000	3.49660	-.07010	.20590	-4.27910
-.027	-.165	1.24830	647.43040	1673.29980	706.23580	99.60000	3.49540	-.07020	.20610	-.06920
.034	3.594	1.24650	648.23660	1671.20000	704.99000	99.50000	3.49210	-.07000	.20580	3.65640
.101	5.671	1.24960	646.53390	1673.89990	706.73730	99.50000	3.49740	-.07020	.20630	5.71510
	GRADIENT	-.00005	-.05293	-.26932	-.12511	.00051	-.00056	.00001	-.00001	.99102

RUN NO. 1766/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.209	-5.638	1.24780	648.90230	1676.00000	707.28080	99.50000	3.50200	-.07010	.20600	6.65630
3.889	-3.634	1.24660	648.52760	1672.29980	705.48440	99.50000	3.49430	-.07000	.20580	4.95810
4.051	.212	1.24820	649.19120	1677.50000	707.97850	99.60000	3.50420	-.07010	.20600	3.76690
3.753	3.954	1.25170	645.04200	1674.59990	707.41700	99.60000	3.49780	-.07030	.20660	5.12740
4.037	5.905	1.25120	648.07740	1681.29980	710.14870	99.60000	3.51180	-.07030	.20650	6.80320
	GRADIENT	.00067	-.45645	.30793	.25649	.01324	.00047	-.00004	.00011	.02079

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M025) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1989/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-7.979	-7.885	.60010	1756.32471	2240.29980	442.67870	99.40000	3.51060	.07640	.19640	-10.10640
-8.049	-3.832	.59970	1755.54539	2238.70001	441.97200	99.00000	3.50980	.07680	.19630	-7.34000
-8.093	.313	.59900	1757.45390	2239.79980	441.33200	98.70000	3.51080	.07770	.19620	-6.20370
-7.596	4.188	.59860	1751.72530	2231.89930	439.38960	99.80000	3.48630	.07810	.19620	-7.24180
-7.574	8.058	.59830	1756.29131	2237.09991	440.01540	100.00000	3.49340	.07850	.19610	-10.03450
	GRADIENT	-.00014	-.46550	-.83503	-.320.7	.09776	-.00265	.00016	-.00001	.01526

RUN NO. 1990/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.139	-7.997	.60020	1757.50850	2242.00000	443.13670	100.00000	3.50890	.07620	.19640	-8.62580
-4.137	-3.905	.60140	1758.05881	2244.79980	445.03780	99.90000	3.51890	.07490	.19650	-4.98190
-3.926	.187	.60070	1749.67070	2232.89990	441.91550	99.80000	3.49830	.07560	.19640	-2.63820
-3.855	4.144	.60010	1756.02609	2240.00000	442.67140	100.00000	3.50550	.07630	.19640	-5.05360
-3.782	8.130	.60000	1759.79150	2244.59991	443.45000	100.00000	3.51220	.07640	.19640	-8.64270
	GRADIENT	-.00016	-.26281	-.60954	-.29669	.01221	-.00168	.00017	-.00001	-.00559

RUN NO. 1991/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.149	-8.164	.59970	1755.74240	2239.00000	442.06370	100.00000	3.50240	.07670	.19630	-8.17120
-.271	-4.260	.60040	1751.46240	2234.70001	441.95920	99.90000	3.49920	.07600	.19640	-4.28490
-.249	-.054	.60020	1749.19411	2231.39990	441.04570	100.10000	3.49150	.07620	.19640	-.10260
-.193	3.805	.60190	1747.05299	2231.70001	443.05220	100.00000	3.49980	.07420	.19660	3.73960
-.106	7.817	.60350	1746.69701	2234.09991	445.35740	99.90000	3.51100	.07240	.19680	7.73420
	GRADIENT	.00018	-.54664	-.37814	.13027	.01292	.00005	-.00022	.00002	.99500

RUN NO. 1992/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.474	-7.680	.60380	1751.13989	2240.29980	446.92410	100.00000	3.52110	.07200	.19680	8.62560
4.193	-3.845	.59980	1758.80690	2243.09991	442.99660	99.90000	3.51010	.07660	.19630	5.52080
4.202	.187	.59970	1759.99899	2244.39990	443.11150	99.80000	3.51240	.07680	.19630	4.28090
3.876	4.133	.59900	1759.92500	2243.09991	442.07910	99.80000	3.50760	.07760	.19620	5.55380
3.892	7.994	.60100	1754.50760	2239.70001	443.66410	99.80000	3.51040	.07520	.19650	8.68250
	GRADIENT	-.00010	.14071	.00118	-.11447	-.01258	-.00031	.00013	-.00001	.00300

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M025) (09 MAY 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1230.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300				

PARAMETRIC DATA

MACH =	.600	RN/L =	3.500
IB-ELV =	8.000	OB-ELV =	11.000

RUN NO. 1993/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
8.232	-7.806	.60030	1757.90041	2242.70001	443.40380	99.80000	3.51200	.07610	.19640	10.73500
8.197	-3.798	.60030	1755.52420	2239.70001	442.83080	99.90000	3.50660	.07610	.19640	8.44350
7.840	.140	.60080	1753.82350	2238.39990	443.13260	99.80000	3.50740	.07550	.19650	7.37450
8.171	4.142	.60030	1751.56400	2234.70001	441.87600	99.80000	3.49970	.07610	.19640	8.60730
7.952	8.017	.59860	1755.48849	2236.59991	440.25370	100.10000	3.49300	.07810	.19620	10.71860
	GRADIENT	-.00000	-.49900	-.63059	-.12079	-.01256	-.00087	.00000	-.00000	.02142

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M026) (09 MAY 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300				

PARAMETRIC DATA

MACH =	.800	RN/L =	3.500
IB-ELV =	8.000	OB-ELV =	11.000

RUN NO. 1994/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.012	-5.938	.80040	1234.94341	1883.20000	553.79170	98.80000	3.51970	-.03840	.20400	-8.29810
-8.347	-3.884	.79970	1233.48610	1879.59990	552.11870	99.20000	3.50810	-.03820	.20410	-7.16570
-8.240	.278	.79970	1232.10330	1877.59990	551.57910	99.20000	3.50450	-.03820	.20410	-5.86790
-7.935	4.225	.80000	1231.10840	1876.59990	551.51591	99.20000	3.50330	-.03830	.20400	-7.09860
-7.729	6.209	.79960	1231.02220	1875.70000	550.90820	99.30000	3.49990	-.03820	.20410	-8.34210
	GRADIENT	.00004	-.29355	-.37093	-.07483	.00000	-.00059	-.00001	-.00001	.01102

RUN NO. 1995/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.209	-6.091	.79920	1233.69701	1879.09990	551.60520	100.20000	3.49820	-.03810	.20410	-6.71870
-4.436	-4.053	.80050	1231.78470	1878.50000	552.46170	100.40000	3.49830	-.03840	.20400	-5.04860
-4.049	.197	.79970	1232.30220	1877.79980	551.59180	100.60000	3.49350	-.03820	.20410	-2.51000
-3.921	4.242	.79980	1231.80470	1877.29980	551.56010	100.80000	3.49130	-.03830	.20410	-4.98500
-3.620	6.166	.80030	1231.29710	1877.39990	551.97920	100.80000	3.49250	-.03840	.20400	-6.60630
	GRADIENT	-.00009	.00342	-.14487	-.10951	.04822	-.00083	.00001	.00001	.01265

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M026) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
EREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 PN/L = 3.500
1B-ELV = 8.000 0B-ELV = 11.000

RUN NO. 1996/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.131	-6.250	.79920	1230.14529	1873.70000	550.02440	99.80000	3.49140	-.03810	.20410	-6.14440
-.219	-4.360	.80000	1229.82640	1874.59990	550.90750	98.80000	3.50270	-.03830	.20400	-4.26520
-.227	-.204	.79980	1230.52119	1875.39990	551.02690	98.50000	3.50630	-.03830	.20410	-.13660
-.146	3.613	.79970	1230.32739	1874.89990	550.78880	98.40000	3.50600	-.03820	.20410	3.65610
-.054	5.698	.80060	1229.90601	1875.89990	551.81520	98.30000	3.51060	-.03840	.20400	5.73080
	GRADIENT	-.00004	.06438	.03992	-.01424	-.05049	.00042	.00001	.00001	.99351

RUN NO. 1997/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.188	-5.719	.79990	1232.29390	1878.29980	551.96750	99.60000	3.50310	-.03830	.20400	6.82680
3.899	-3.707	.79990	1232.09810	1877.89990	551.80470	99.80000	3.50060	-.03830	.20400	5.16150
4.100	.198	.80000	1231.60080	1877.39990	551.77290	100.00000	3.49840	-.03830	.20400	4.05910
3.790	4.038	.79990	1231.60400	1877.20000	551.62260	100.10000	3.49700	-.03830	.20400	5.36510
4.035	6.016	.79950	1232.10840	1877.29980	551.35380	100.60000	3.49240	-.03820	.20410	7.00970
	GRADIENT	.00000	-.06398	-.09047	-.02347	.03877	-.00047	-.00000	.00000	.02542

RUN NO. 1998/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.399	-5.751	.80000	1231.79980	1877.59990	551.78560	100.40000	3.49540	-.03830	.20400	8.05810
6.087	-3.755	.79980	1231.21291	1876.39990	551.29660	100.40000	3.49280	-.03830	.20410	6.66990
6.024	.208	.79990	1231.11160	1876.39990	551.36550	100.40000	3.49300	-.03830	.20400	5.60430
5.632	4.013	.80000	1231.40500	1877.00000	551.61010	100.60000	3.49270	-.03830	.20400	6.50430
5.839	5.970	.79970	1232.20290	1877.70000	551.58540	100.60000	3.49340	-.03820	.20410	7.89880
	GRADIENT	.00003	.02438	.07672	.04020	.02557	-.00001	.00000	-.00001	-.02304

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M027) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1999/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.307	-5.960	.90020	1058.17140	1790.00000	600.19700	100.20000	3.51260	-.05180	.20010	-8.31410
-8.316	-3.905	.89960	1058.48270	1789.39990	599.59940	100.10000	3.51130	-.05170	.20010	-6.99740
-8.271	.323	.89950	1058.48560	1789.20000	599.46020	100.10000	3.51080	-.05170	.20010	-5.69280
-7.990	4.238	.89960	1056.71040	1786.39990	598.59280	100.10000	3.50540	-.05170	.20010	-6.96830
-7.707	6.229	.89980	1054.93089	1783.89990	597.93410	100.00000	3.50170	-.05180	.20010	-8.20320
	GRADIENT	-.00000	-.21474	-.36415	-.12241	.00000	-.00072	.00000	.00000	.00763

RUN NO. 2000/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.247	-6.109	.89990	1054.24071	1782.79980	597.58890	100.00000	3.49960	-.05180	.20010	-6.68460
-4.428	-4.076	.90020	1053.54170	1782.29980	597.66110	100.10000	3.49840	-.05180	.20010	-4.99200
-4.072	.192	.89970	1054.63989	1783.09990	597.55740	100.10000	3.49910	-.05180	.20010	-2.43380
-3.944	4.260	.90020	1054.23050	1783.50000	598.07590	100.10000	3.50080	-.05180	.20010	-4.93950
-3.631	6.225	.89950	1055.03760	1783.50000	597.59570	100.20000	3.49890	-.05170	.20010	-6.60430
	GRADIENT	-.00000	.08406	.14433	.04915	.00000	.00029	.00000	.00000	.01117

RUN NO. 2001/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.098	-6.271	.89960	1055.52730	1784.50000	597.99120	100.20000	3.50100	-.05180	.20010	-6.14640
-.202	-4.396	.89970	1056.01880	1785.39990	598.31710	100.10000	3.50360	-.05180	.20010	-4.28440
-.221	-.130	.89930	1057.01320	1786.39990	598.41260	100.00000	3.50590	-.05170	.20010	-.04990
-.141	3.611	.90030	1055.90331	1786.39990	599.07300	100.00000	3.50730	-.05180	.20010	3.66420
-.073	5.696	.89990	1056.60229	1786.89990	599.00070	99.90000	3.50860	-.05180	.20010	5.73630
	GRADIENT	.00007	-.00867	.12744	.09273	-.01274	.00046	.00000	.00000	.99272

RUN NO. 2002/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.252	-5.690	.90030	1057.28220	1788.70000	599.83280	100.10000	3.51100	-.05180	.20010	6.79670
3.882	-3.712	.90020	1056.69431	1787.50000	599.35020	100.10000	3.50850	-.05180	.20010	5.12430
4.064	.191	.89960	1057.49850	1787.70000	599.01680	100.20000	3.50720	-.05170	.20010	3.97700
3.814	4.010	.89990	1056.99561	1787.59990	599.24760	100.20000	3.50750	-.05180	.20010	5.31470
4.041	6.000	.90000	1057.38750	1788.39990	599.56400	100.20000	3.50920	-.05180	.20010	6.96960
	GRADIENT	-.00004	.03963	.01308	-.01459	.01300	-.00013	.00000	.00000	.02349

1A105A, AEDC PWT-TF470, O T S WO/SILTS (U8M028) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 11.000

RUN NO. 2003/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.031	-5.973	.94990	979.79030	1751.20000	618.90670	100.30000	3.50200	-.05540	.19770	-8.09920
-8.325	-3.931	.94960	977.24290	1745.89990	616.80420	100.20000	3.49170	-.05540	.19770	-6.92620
-8.280	.268	.94960	978.02980	1747.29980	617.29690	100.30000	3.49370	-.05540	.19770	-5.61520
-7.947	4.240	.95000	981.26490	1753.89990	619.88090	100.20000	3.50820	-.05540	.19770	-6.87210
-7.751	6.222	.95020	978.70140	1749.79980	618.57960	100.30000	3.49950	-.05540	.19770	-8.13920
	GRADIENT	.00005	.48933	.97293	.37407	.00023	.00200	.00000	.00000	.00954

RUN NO. 2004/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.142	-6.133	.94930	976.75660	1744.59990	616.21240	100.10000	3.48970	-.05540	.19770	-6.65150
-4.435	-4.086	.94950	974.29250	1740.59990	614.92290	100.20000	3.48110	-.05540	.19770	-4.97490
-4.066	.188	.94960	976.94600	1745.50000	616.70290	100.10000	3.49180	-.05540	.19770	-2.39580
-3.959	4.271	.94940	978.72140	1748.29980	617.57790	100.30000	3.49560	-.05540	.19770	-4.93750
-3.647	6.202	.94940	979.31350	1749.20000	617.84720	100.30000	3.49730	-.05540	.19770	-6.56220
	GRADIENT	-.00001	.53071	.92319	.31849	.01169	.00174	.00000	-.00000	.00914

RUN NO. 2005/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.096	-6.395	.94990	975.95650	1744.20000	616.38750	100.20000	3.48870	-.05540	.19770	-6.26100
-.135	-4.385	.94950	976.85060	1745.09990	616.49100	100.10000	3.49090	-.05540	.19770	-4.26670
-.178	-.226	.94950	977.44020	1746.20000	616.89400	100.40000	3.49070	-.05540	.19770	-.14180
-.079	3.654	.95000	977.33030	1746.89990	617.41670	100.20000	3.49420	-.05540	.19770	3.70670
.040	5.714	.94970	977.82840	1747.29980	617.40770	100.40000	3.49310	-.05540	.19770	5.75390
	GRADIENT	.00006	.06066	.22439	.11493	.01316	.00040	.00000	.00000	.99183

RUN NO. 2006/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.177	-5.715	.94970	978.41920	1748.29980	617.74390	100.40000	3.49510	-.05540	.19770	6.76560
3.869	-3.691	.94990	978.31740	1748.39990	617.86570	100.30000	3.49630	-.05540	.19770	5.07190
4.099	.188	.94940	978.82080	1748.39990	617.59340	100.30000	3.49570	-.05540	.19770	3.99210
3.767	4.006	.94930	978.82350	1748.20000	617.45580	100.30000	3.49520	-.05540	.19770	5.26870
4.078	5.979	.94920	979.21830	1748.79980	617.63530	100.40000	3.49550	-.05540	.19770	6.94610
	GRADIENT	-.00008	.06593	-.02590	-.05331	-.00000	-.00014	.00000	-.00000	.02477

1A105A, AEDC PWT-TF470, O T S WO/SILTS (U8M029) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2007/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.263	-6.066	1.05000	848.82250	1704.79980	655.01730	100.30000	3.50160	-.06090	.19440	-8.11420
-8.354	-3.941	1.05050	846.94700	1702.09990	654.21830	100.30000	3.49640	-.06080	.19440	-6.73770
-8.275	.356	1.05140	848.39820	1707.00000	656.54350	100.40000	3.50630	-.06090	.19440	-5.36540
-7.939	4.257	1.04930	848.05150	1701.89990	653.60080	100.30000	3.49520	-.06080	.19450	-6.68560
-7.698	6.282	1.04980	847.05980	1700.89990	653.43650	100.40000	3.49260	-.06090	.19440	-7.99130
	GRADIENT	-.00014	.13815	-.00482	-.06496	.00039	-.00011	-.00000	.00001	.01162

RUN NO. 2008/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.198	-6.171	1.05000	848.32980	1704.00000	654.75220	100.20000	3.50080	-.06090	.19440	-6.64140
-4.443	-4.122	1.05000	848.82150	1704.89990	655.07860	100.30000	3.50180	-.06080	.19440	-4.93140
-4.086	.182	1.05010	849.60420	1706.70000	655.82100	100.40000	3.50480	-.06080	.19440	-2.32000
-3.989	4.299	1.04900	850.02120	1705.20000	654.72190	100.30000	3.50170	-.06080	.19450	-4.90420
-3.583	6.239	1.04970	847.16020	1700.89990	653.39330	100.30000	3.49340	-.06080	.19440	-6.52200
	GRADIENT	-.00012	.14276	.03851	-.04074	.00017	-.00001	-.00000	.00001	.00776

RUN NO. 2009/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.034	-6.384	1.05020	847.44380	1702.50000	654.23830	100.40000	3.49620	-.06090	.19440	-6.23680
-.038	-4.408	1.04940	848.34380	1702.70000	653.95580	100.30000	3.49690	-.06080	.19440	-4.27940
-.048	-.189	1.04990	849.60960	1706.20000	655.51490	100.50000	3.50280	-.06080	.19440	-.09860
.054	3.654	1.04930	849.22900	1704.29980	654.53080	100.40000	3.49930	-.06080	.19450	3.71110
.196	5.706	1.04950	846.86890	1700.00000	652.97710	100.50000	3.48980	-.06080	.19440	5.74730
	GRADIENT	-.00001	.11289	.20872	.07618	.01297	.00032	.00000	.00001	.99110

RUN NO. 2010/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.219	-5.675	1.04960	851.08760	1708.59990	656.30980	100.40000	3.50830	-.06080	.19440	6.69100
3.884	-3.682	1.05050	849.30150	1706.69990	656.07840	100.40000	3.50550	-.06090	.19440	5.00200
4.108	.189	1.05010	846.17070	1699.70000	653.10840	100.30000	3.49120	-.06090	.19440	3.85820
3.764	3.985	1.05010	845.77810	1698.89990	652.79830	100.40000	3.48870	-.06090	.19440	5.17900
3.849	5.969	1.04920	848.74150	1703.00000	653.95950	100.40000	3.49650	-.06080	.19450	6.69990
	GRADIENT	-.00005	-.46070	-1.04611	-.42893	-.00008	-.00220	-.00000	.00000	.02206

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2011/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.341	-6.049	1.09910	792.70290	1690.70000	670.35500	100.70000	3.49750	-.06320	.19440	-8.08220
-8.311	-3.956	1.09910	792.21240	1689.70000	669.96730	100.70000	3.49540	-.06320	.19440	-6.66550
-8.286	.369	1.09990	790.43330	1687.50000	669.39060	100.70000	3.49120	-.06320	.19440	-5.31390
-7.957	4.284	1.09860	794.67360	1693.79980	671.37940	100.70000	3.50360	-.06320	.19440	-6.68860
-7.700	6.295	1.10010	792.09570	1691.50000	671.06080	100.70000	3.49960	-.06320	.19440	-7.97630
	GRADIENT	-.00006	.28630	.47999	.16605	-.00000	.00096	.00000	-.00000	.00270

RUN NO. 2012/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.152	-6.178	1.09920	786.62450	1677.79980	665.25220	100.60000	3.47160	-.06320	.19440	-6.62540
-4.462	-4.136	1.10060	788.85130	1685.59990	668.90990	100.70000	3.48760	-.06320	.19440	-4.93240
-4.085	.185	1.09940	793.77660	1693.50000	671.56010	100.60000	3.50420	-.06320	.19440	-2.30310
-4.011	4.302	1.09930	789.36720	1683.89990	667.71730	100.70000	3.48350	-.06320	.19440	-4.91630
-3.563	6.265	1.10040	788.26730	1683.89990	668.15190	100.40000	3.48640	-.06320	.19440	-6.54610
	GRADIENT	-.00016	.07004	-.18473	-.13511	-.00019	-.00045	-.00000	-.00000	.00691

RUN NO. 2013/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.088	-6.326	1.10000	792.78320	1692.79980	671.54540	100.60000	3.50310	-.06320	.19440	-6.18160
-.029	-4.397	1.09950	792.00880	1690.09990	670.28050	100.40000	3.49890	-.06320	.19440	-4.27120
-.071	-.173	1.10040	787.97390	1683.20000	667.86060	100.40000	3.48500	-.06330	.19440	-.08270
.013	3.598	1.09930	792.01420	1689.50000	669.92920	100.40000	3.49750	-.06320	.19440	3.65670
.117	5.683	1.09960	792.98800	1692.29980	671.17360	100.40000	3.50350	-.06320	.19440	5.72530
	GRADIENT	-.00002	-.01842	-.10617	-.05451	.00000	-.00024	-.00000	-.00000	.99160

RUN NO. 2014/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.224	-5.669	1.09950	789.85300	1685.39990	668.39820	100.20000	3.49080	-.06320	.19440	6.68770
3.904	-3.675	1.09970	789.45780	1684.89990	668.26340	100.20000	3.48930	-.06320	.19440	4.99540
4.113	.188	1.10050	789.63720	1687.09990	669.47220	100.30000	3.49390	-.06330	.19440	3.85710
3.790	3.983	1.10000	790.52950	1687.89990	669.58520	100.30000	3.49530	-.06320	.19440	5.19430
4.108	5.943	1.10010	792.09570	1691.50000	671.06080	100.40000	3.50200	-.06320	.19440	6.87700
	GRADIENT	.00004	.13966	.39228	.17303	.01310	.00072	-.00000	-.00000	.02499

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1631/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.094	-6.138	1.15490	735.07910	1681.70000	686.28000	100.20000	3.50230	-.06570	.19640	-7.98310
-8.371	-3.990	1.15080	739.25980	1682.50000	685.32130	99.80000	3.50620	-.06560	.19620	-6.67830
-8.265	.335	1.15110	736.80740	1677.50000	683.37110	99.60000	3.49750	-.06560	.19620	-5.26530
-8.061	4.304	1.15020	739.17110	1681.09990	684.57300	99.60000	3.50480	-.06550	.19610	-6.71250
-7.733	6.315	1.15150	737.38720	1679.79980	684.45310	99.30000	3.50490	-.06560	.19620	-7.94910
	GRADIENT	-.00007	-.01900	-.18356	-.09561	-.02445	-.00020	.00001	-.00001	.00081

RUN NO. 1632/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.147	-6.186	1.15260	737.66310	1682.70000	685.97020	99.40000	3.51040	-.06560	.19630	-6.61310
-4.179	-4.121	1.15190	738.65430	1683.39990	686.02540	98.90000	3.51580	-.06560	.19620	-4.80090
-4.116	.184	1.15040	736.62230	1675.70000	682.43310	99.20000	3.49690	-.06550	.19610	-2.31620
-3.998	4.327	1.14940	740.26320	1681.70000	684.53660	99.20000	3.50910	-.06550	.19610	-4.90600
-3.597	6.285	1.15090	739.06270	1682.20000	685.22120	99.50000	3.50810	-.06560	.19620	-6.54690
	GRADIENT	-.00030	.18612	-.21160	-.18054	.03574	-.00082	.00001	-.00001	-.00859

RUN NO. 1633/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.020	-6.399	1.14950	738.79250	1678.59990	683.31080	99.50000	3.50020	-.06550	.19610	-6.25270
-.089	-4.215	1.15010	738.68410	1679.70000	683.95950	99.80000	3.50020	-.06550	.19610	-4.08750
-.105	-.201	1.15010	738.29250	1678.79980	683.59160	99.80000	3.49840	-.06550	.19610	-.10980
-.029	3.678	1.15150	737.38720	1679.79980	684.45310	99.90000	3.50000	-.06560	.19620	3.73440
.099	5.702	1.14990	738.68800	1679.20000	683.67990	99.80000	3.49910	-.06550	.19610	5.74200
	GRADIENT	.00018	-.16394	.01127	.06165	.01260	-.00003	-.00001	.00001	.99111

RUN NO. 1634/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.295	-5.626	1.15340	736.67020	1682.20000	686.02590	99.90000	3.50548	-.06570	.19630	6.69120
4.110	-3.675	1.14980	739.17920	1680.09990	684.01420	99.80000	3.50100	-.06550	.19610	5.13000
3.975	.197	1.15150	738.17020	1681.59990	685.18900	99.90000	3.50370	-.06560	.19620	3.74470
3.801	3.949	1.15190	738.55540	1683.29980	686.00320	100.00000	3.50660	-.06560	.19620	5.17810
3.879	5.837	1.15320	737.65330	1683.89990	686.63920	99.80000	3.50980	-.06560	.19630	6.69460
	GRADIENT	.00028	-.08276	.41955	.26111	.02623	.00073	-.00001	.00001	.00439

1A105A, AEDC PWT-TF470, O T S W/SILTS (U8M032) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
1B-ELV = 10.000 0B-ELV = -2.000

RUN NO. 1635/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.341	-6.127	1.24850	648.40580	1676.09990	707.44140	101.00000	3.48980	-.07010	.20610	-8.06100
-8.380	-3.986	1.25080	647.00680	1677.79980	708.60960	100.50000	3.49710	-.07030	.20650	-6.62520
-8.297	.370	1.25270	644.63790	1675.79980	708.11080	100.50000	3.49280	-.07040	.20680	-5.22300
-8.008	4.324	1.25080	647.78930	1679.70000	709.40140	100.40000	3.50190	-.07030	.20650	-6.63520
-7.743	6.339	1.25050	647.10840	1677.39990	708.38500	100.40000	3.49720	-.07030	.20640	-7.93010
	GRADIENT	.00001	.08338	.21705	.09174	-.01183	.00055	-.00000	.00000	.00426

RUN NO. 1636/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.021	-6.101	1.24950	647.61110	1676.29980	707.71780	100.40000	3.49500	-.07020	.20620	-6.48570
-4.201	-4.115	1.25190	647.77510	1682.09990	710.61890	100.40000	3.50680	-.07040	.20660	-4.78870
-4.114	.195	1.25090	645.93120	1675.20000	707.52760	100.20000	3.49420	-.07030	.20650	-2.29130
-4.005	4.326	1.25010	647.01680	1676.09990	707.74630	100.30000	3.49530	-.07020	.20630	-4.89280
-3.612	6.292	1.24980	647.60620	1677.09990	708.12430	100.40000	3.49660	-.07030	.20630	-6.54290
	GRADIENT	-.00021	-.03227	-.71723	-.34303	-.01210	-.00137	.00002	-.00004	-.00807

RUN NO. 1637/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.024	-6.366	1.24900	648.49610	1677.59990	708.18240	100.20000	3.49940	-.07020	.20620	-6.21350
-.073	-4.234	1.24980	648.58400	1679.50000	709.12650	100.30000	3.50250	-.07020	.20630	-4.10070
-.067	-.221	1.25210	646.50220	1679.29980	709.47830	100.40000	3.50100	-.07030	.20670	-.12480
-.007	3.671	1.24900	647.71440	1675.59990	707.34010	100.10000	3.49600	-.07020	.20620	3.73120
.100	5.711	1.25200	645.42800	1676.39990	708.24390	100.40000	3.49490	-.07030	.20670	5.75300
	GRADIENT	-.00010	-.11212	-.49111	-.22438	-.02504	-.00082	-.00000	-.00001	.99082

RUN NO. 1638/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.208	-5.636	1.24910	646.44360	1672.39990	705.99660	100.20000	3.48850	-.07020	.20620	6.65790
4.101	-3.667	1.24800	648.80200	1676.20000	707.40450	100.20000	3.49660	-.07010	.20600	5.11910
3.997	.207	1.24860	648.50200	1676.59990	707.67380	100.30000	3.49650	-.07020	.20610	3.74630
3.777	3.960	1.24920	647.22410	1674.59990	706.94070	100.30000	3.49230	-.07020	.20620	5.15620
3.845	5.840	1.24870	647.03420	1673.20000	706.27250	100.30000	3.48940	-.07020	.20610	6.67900
	GRADIENT	.00016	-.20618	-.20811	-.06011	.01318	-.00056	-.00001	.00003	.00295

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1639/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.276	-6.081	1.40200	532.64060	1699.79980	732.87720	99.50000	3.49880	-.08560	.24620	-7.81510
-8.422	-3.961	1.40180	532.15550	1697.70000	731.96880	99.40000	3.49540	-.08560	.24620	-6.54590
-8.310	.391	1.40320	533.50590	1705.50000	735.34990	99.30000	3.51150	-.08590	.24670	-5.13110
-8.054	4.358	1.40180	533.42190	1701.89990	733.78050	99.30000	3.50490	-.08560	.24620	-6.58100
-7.708	6.359	1.40310	533.21480	1704.20000	734.78740	99.20000	3.50980	-.08590	.24670	-7.86010
	GRADIENT	.00001	.15479	.52569	.22683	-.01220	.00118	-.00000	.00000	.00111

RUN NO. 1640/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.233	-6.172	1.40240	532.24660	1699.59990	732.79640	99.30000	3.49980	-.08570	.24640	-6.55590
-4.248	-4.129	1.40270	533.12110	1703.00000	734.26560	99.20000	3.50750	-.08580	.24650	-4.76350
-4.125	.235	1.40340	532.43240	1702.39990	734.01460	99.50000	3.50340	-.08590	.24680	-2.21850
-4.013	4.349	1.40250	532.63570	1701.00000	733.40090	99.40000	3.50180	-.08570	.24640	-4.86860
-3.602	6.274	1.40220	533.61350	1703.29980	734.38820	99.30000	3.50760	-.08570	.24630	-6.48370
	GRADIENT	-.00002	-.05827	-.23492	-.10155	.02405	-.00068	.00001	-.00001	-.00640

RUN NO. 1641/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.155	-6.413	1.40120	533.42850	1700.29980	733.08150	99.20000	3.50280	-.08540	.24590	-6.23870
-.245	-4.234	1.40290	532.43750	1701.20000	733.49150	99.30000	3.50290	-.08580	.24660	-4.08040
-.220	-.222	1.40320	532.62920	1702.59990	734.09890	99.20000	3.50640	-.08590	.24670	-.10860
-.173	3.658	1.40000	533.63500	1698.09990	732.11570	99.20000	3.49890	-.08520	.24550	3.73170
-.092	5.693	1.40280	532.34080	1700.70000	733.27490	99.20000	3.50270	-.08580	.24650	5.74750
	GRADIENT	-.00036	.15114	-.38860	-.17248	-.01274	-.00050	.00008	-.00014	.98986

RUN NO. 1645/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.120	-5.675	1.39910	533.15650	1694.39990	730.50630	99.30000	3.49100	-.08510	.24510	6.65450
4.144	-3.634	1.40280	532.04790	1699.89990	732.93070	98.90000	3.50350	-.08580	.24660	5.13000
3.984	.244	1.40250	534.09790	1705.59990	735.38380	99.20000	3.51300	-.08570	.24640	3.76780
3.717	3.976	1.40410	530.96340	1699.50000	732.77270	99.20000	3.49950	-.08600	.24710	5.16390
3.983	5.936	1.40000	534.31670	1700.39990	733.10820	99.10000	3.50450	-.08530	.24550	6.83820
	GRADIENT	.00017	-.13812	-.04261	-.01650	.03967	-.00051	-.00003	.00006	.00213

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M034) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1646/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.476	-6.052	1.55300	405.81960	1609.39990	685.11940	99.60000	3.20780	-.15120	.32600	-8.10400
-8.492	-3.898	1.55310	404.74760	1605.29980	683.36600	99.60000	3.19960	-.15120	.32610	-6.68540
-8.388	.466	1.55400	404.73830	1607.39990	684.14870	99.80000	3.20150	-.15200	.32670	-5.33890
-7.979	4.446	1.55130	405.44780	1603.89990	682.98560	99.60000	3.19820	-.14990	.32490	-6.67530
-7.726	6.446	1.55210	406.21900	1608.79980	684.97680	99.50000	3.20810	-.15040	.32540	-7.99310
	GRADIENT	-.00021	.08253	-.15732	-.04197	.00074	-.00016	.00015	-.00014	.00616

RUN NO 1647/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.399	-6.182	1.55250	404.94820	1604.79980	683.22050	99.70000	3.19830	-.15080	.32570	-6.61020
-4.387	-4.098	1.55310	405.81880	1609.59990	685.19380	99.70000	3.20730	-.15130	.32610	-4.78770
-4.226	.319	1.55310	403.77340	1601.50000	681.74510	99.70000	3.19120	-.15130	.32610	-2.27600
-3.944	4.429	1.55020	405.26440	1600.59990	681.71220	99.70000	3.19180	-.14900	.32410	-4.87460
-3.575	6.356	1.54980	405.85230	1602.09990	682.39280	99.70000	3.19510	-.14870	.32390	-6.52380
	GRADIENT	-.00034	-.06997	-1.06522	-.41296	-.00000	-.00184	.00027	-.00023	-.00300

RUN NO. 1648/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.304	-6.476	1.55060	405.74730	1603.39990	682.85910	99.90000	3.19550	-.14930	.32440	-6.24670
-.364	-4.295	1.55190	405.14870	1604.29980	683.07450	99.80000	3.19690	-.15040	.32530	-4.08300
-.384	-.283	1.55250	405.24050	1605.89990	683.69170	99.80000	3.19970	-.15080	.32570	-.10410
-.342	3.576	1.55190	404.46730	1601.50000	681.88750	99.80000	3.19140	-.15030	.32530	3.72200
-.272	5.621	1.55000	406.43550	1604.70000	683.48510	99.80000	3.19940	-.14880	.32390	5.74640
	GRADIENT	.00000	-.08584	-.35071	-.14879	.00000	-.00069	.00001	.00000	.99157

RUN NO. 1649/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.247	-5.525	1.54820	405.77200	1597.89990	680.80030	100.00000	3.18580	-.14740	.32270	6.73460
4.136	-3.541	1.55000	406.62960	1605.59990	683.86160	100.10000	3.19880	-.14890	.32400	5.22300
3.791	.327	1.55030	406.13940	1604.39990	683.31300	100.20000	3.19540	-.14910	.32420	3.81640
3.679	4.002	1.55140	405.54420	1604.50000	683.22970	100.10000	3.19550	-.14990	.32490	5.31490
3.691	5.854	1.55150	406.90700	1610.09990	685.60380	100.10000	3.20660	-.15000	.32500	6.77360
	GRADIENT	.00018	-.14374	-.14726	-.08428	.00023	-.00044	-.00013	.00012	.00889

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M035) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1528/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.084	-7.877	.59990	1758.01460	2242.09991	442.80570	98.80000	3.51740	.07660	.19630	-10.13190
-8.155	-3.668	.60100	1750.15550	2234.00000	442.44210	98.50000	3.51160	.07530	.19650	-7.29550
-7.925	.345	.60100	1748.27490	2231.59991	441.96730	99.50000	3.49980	.07530	.19650	-6.06060
-7.642	4.240	.60040	1746.41580	2228.20001	440.63450	99.50000	3.49210	.07600	.19640	-7.29950
-7.707	8.183	.60010	1746.52370	2227.89990	440.29390	99.50000	3.49060	.07630	.19640	-10.19980
	GRADIENT	-.00008	-.47291	-.73280	-.22804	.12708	-.00247	.00009	-.00001	.00105

RUN NO. 1529/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.217	-8.003	.60040	1745.91800	2227.70001	440.62230	99.70000	3.49000	.07590	.19640	-8.64130
-4.263	-3.780	.60090	1745.11110	2227.39990	441.03170	99.70000	3.49120	.07540	.19650	-4.93100
-3.895	.182	.60110	1745.10249	2227.79980	441.37480	99.70000	3.49280	.07520	.19650	-2.60100
-3.857	4.142	.60040	1747.90010	2230.09991	441.01420	99.80000	3.49270	.07600	.19640	-5.05520
-3.787	8.144	.59940	1748.92529	2229.70001	439.83720	99.70000	3.48880	.07710	.19630	-8.66830
	GRADIENT	-.00006	.35201	.34078	-.00221	.01262	.00019	.00008	-.00001	-.01565

RUN NO. 1530/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.180	-8.340	.59890	1750.13260	2230.29980	439.35110	99.50000	3.48920	.07780	.19620	-8.34770
-.271	-4.286	.59930	1750.11549	2231.09991	440.03780	99.80000	3.49000	.07720	.19630	-4.31290
-.277	-.259	.59940	1749.71530	2230.79980	440.11400	100.00000	3.48840	.07710	.19630	-.30660
-.241	3.736	.60040	1747.99980	2230.20001	441.01660	100.00000	3.49120	.07600	.19640	3.66890
-.154	7.758	.60240	1745.25270	2230.29980	443.35080	100.00000	3.49970	.07360	.19670	7.67490
	GRADIENT	.00014	-.26352	-.11213	.12188	.02497	.00015	-.00015	.00001	.99503

RUN NO. 1531/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.219	-7.787	.60230	1745.85010	2230.89990	443.36550	100.10000	3.49950	.07370	.19660	8.61460
4.233	-3.881	.60100	1747.48289	2230.59991	441.77610	100.10300	3.49350	.07530	.19650	5.59930
4.241	.191	.60000	1747.81570	2229.29980	440.41110	100.20000	3.48660	.07650	.19640	4.33230
3.872	4.126	.60060	1748.08859	2230.79980	441.44780	100.20000	3.49160	.07570	.19640	5.55750
3.860	7.959	.60140	1745.68700	2229.00000	441.90380	100.10000	3.49260	.07490	.19650	8.65110
	GRADIENT	-.00005	.07568	.02296	-.04271	.01256	-.00025	.00005	-.00001	-.00700

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (U8M035) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1532/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
8.216	-7.684	.60160	1745.08330	2228.70001	442.14620	100.10000	3.49320	.07460	.19660	10.65580
8.244	-3.814	.60150	1745.48360	2229.00000	442.07030	100.10000	3.49320	.07470	.19650	8.52130
8.171	.204	.60050	1746.41141	2228.39990	440.80620	99.80000	3.49050	.07590	.19640	7.68400
7.982	4.165	.60050	1746.31180	2228.29980	440.80370	99.90000	3.48960	.07580	.19640	8.49630
7.966	8.027	.60180	1745.57249	2229.59991	442.50120	100.00000	3.49600	.07440	.19660	10.75900
	GRADIENT	-.00013	.10410	-.08790	-.15911	-.02518	-.00045	.00014	-.00001	-.00362

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (U8M036) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1536/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.221	-5.922	.79750	1234.04590	1876.39990	549.36720	99.20000	3.49740	-.03780	.20410	-8.39360
-8.224	-3.802	.79820	1231.36110	1873.59990	549.12230	99.20000	3.49370	-.03790	.20410	-7.03010
-8.073	.357	.79920	1228.66600	1871.39990	549.32810	99.20000	3.49180	-.03810	.20410	-5.74070
-7.973	4.213	.79760	1228.81270	1868.70000	547.22800	99.10000	3.48420	-.03780	.20410	-7.12620
-7.788	6.243	.79980	1228.05569	1871.59990	549.89160	99.10000	3.49430	-.03820	.20410	-8.40360
	GRADIENT	-.00007	-.32228	-.61028	-.23262	-.01231	-.00118	.00001	-.00000	-.00778

RUN NO. 1537/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.284	-6.077	.80010	1229.82300	1874.79980	551.05760	99.10000	3.50090	-.03830	.20400	-6.71930
-4.315	-3.948	.80020	1230.50951	1876.09990	551.55300	99.00000	3.50440	-.03830	.20400	-4.89060
-3.995	.192	.79990	1231.89920	1877.70000	551.79200	99.00000	3.50680	-.03830	.20400	-2.45150
-3.936	4.257	.80000	1232.38989	1878.59990	552.12430	99.10000	3.50790	-.03830	.20400	-5.00580
-3.694	6.258	.79990	1232.78810	1879.00000	552.14970	99.00000	3.50920	-.03830	.20400	-6.71530
	GRADIENT	-.00002	.22949	.30493	.06959	.01215	.00043	.00000	-.00000	-.01219

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M036) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1538/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.212	-6.442	.80000	1227.85159	1871.70000	550.10450	99.10000	3.49500	-.03830	.20400	-6.33690
-.263	-4.428	.80010	1229.92110	1875.00000	551.13920	99.20000	3.50050	-.03830	.20400	-4.33370
-.278	-.393	.80000	1231.20610	1876.79980	551.59740	99.20000	3.50370	-.03830	.20400	-.32550
-.209	3.621	.80000	1232.09300	1878.20000	552.03000	98.90000	3.50880	-.03830	.20400	3.66300
-.149	5.634	.79970	1233.18950	1879.20000	552.02470	99.10000	3.50830	-.03820	.20410	5.66520
	GRADIENT	-.00001	.26989	.39763	.11068	-.03724	.00103	-.00000	-.00000	.99355

RUN NO. 1539/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.146	-5.695	.80040	1232.97020	1880.20000	552.91360	99.20000	3.51090	-.03840	.20400	6.79940
4.139	-3.776	.80010	1233.57230	1880.50000	552.72630	99.20000	3.51070	-.03830	.20400	5.38090
4.108	.197	.79960	1233.68530	1879.79980	552.13130	99.20000	3.50840	-.03820	.20410	4.07790
3.812	4.027	.79990	1230.91431	1876.09990	551.27760	99.10000	3.50290	-.03830	.20400	5.39180
3.827	5.932	.79970	1229.14360	1873.09990	550.26200	99.10000	3.49690	-.03830	.20410	6.86740
	GRADIENT	-.00003	-.33834	-.56149	-.18544	-.01274	-.00100	.00000	.00000	-.00066

RUN NO. 1540/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.189	-5.705	.79960	1231.12010	1875.89990	550.98970	99.40000	3.49950	-.03820	.20410	7.93760
6.107	-3.738	.79950	1233.49120	1879.29980	551.89330	99.40000	3.50560	-.03820	.20410	6.68920
6.067	.214	.79980	1232.49631	1878.29980	551.83010	99.20000	3.50600	-.03830	.20410	5.66190
5.895	4.110	.79980	1229.04221	1873.09990	550.33080	99.20000	3.49630	-.03830	.20400	6.74710
5.749	5.950	.80120	1225.84160	1870.89990	550.87840	99.20000	3.49530	-.03860	.20400	7.86090
	GRADIENT	.00004	-.56612	-.78869	-.19865	-.02554	-.00118	-.00001	-.00001	.00674

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M037) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1541/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.126	-5.946	.89980	1052.27390	1779.29980	596.35450	99.30000	3.49830	-.05180	.20010	-8.18080
-8.206	-3.865	.89960	1055.43089	1784.20000	597.84250	99.50000	3.50600	-.05170	.20010	-6.89270
-8.124	.288	.90020	1056.20171	1786.70000	599.10160	99.50000	3.51180	-.05180	.20010	-5.57150
-7.961	4.225	.89970	1053.16161	1780.70000	596.78830	99.50000	3.49930	-.05170	.20010	-6.96190
-7.779	6.245	.89990	1050.69800	1776.79980	595.67570	99.60000	3.49110	-.05180	.20010	-8.25870
	GRADIENT	.00001	-.27624	-.42317	-.12635	-.00000	-.00081	-.00000	.00000	-.00557

RUN NO. 1542/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.280	-6.083	.90000	1051.97270	1779.20000	596.46510	99.70000	3.49520	-.05180	.20010	-6.65910
-4.300	-3.971	.89950	1053.95560	1781.59990	596.93410	99.50000	3.50080	-.05170	.20010	-4.83810
-4.022	.188	.89980	1055.12959	1784.09990	597.95310	99.60000	3.50530	-.05180	.20010	-2.39210
-3.958	4.270	.89960	1056.11960	1785.39990	598.25710	99.50000	3.50830	-.05170	.20010	-4.96740
-3.701	6.259	.89960	1056.61079	1786.29980	598.58330	99.30000	3.51180	-.05170	.20010	-6.66010
	GRADIENT	.00001	.26263	.46151	.16079	.00008	.00091	-.00000	-.00000	-.01380

RUN NO. 1543/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.185	-6.421	.89970	1052.47411	1779.39990	596.30400	99.30000	3.49830	-.05170	.20010	-6.29770
-.247	-4.443	.90000	1051.57790	1778.59990	596.28760	99.30000	3.49730	-.05180	.20010	-4.33320
-.279	-.412	.89980	1050.69901	1776.59990	595.43650	99.30000	3.49290	-.05180	.20010	-.33090
-.188	3.611	.90060	1052.25220	1780.79980	597.39790	99.30000	3.50240	-.05180	.20010	3.66250
-.095	5.641	.90000	1057.48560	1788.59990	599.64310	99.50000	3.51530	-.05180	.20010	5.68060
	GRADIENT	.00007	.08362	.27289	.13774	.00000	.00063	.00000	.00000	.99274

RUN NO. 1544/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.131	-5.674	.89980	1050.69901	1776.59990	595.43650	99.40000	3.49210	-.05180	.20010	6.75150
4.127	-3.764	.89930	1051.10690	1776.29980	594.98730	99.30000	3.49160	-.05170	.20010	5.33050
4.092	.197	.90000	1051.77690	1778.79980	596.30690	99.20000	3.49840	-.05180	.20010	4.01520
3.821	4.022	.89960	1053.46120	1780.89990	596.74730	99.20000	3.50190	-.05170	.20010	5.35790
3.837	5.920	.89950	1054.25101	1782.09990	597.10180	99.20000	3.50420	-.05170	.20010	6.83730
	GRADIENT	.00004	.30161	.59111	.22670	-.01292	.00133	-.00000	-.00000	.00153

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M038) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1545/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.019	-5.962	.94950	979.21170	1749.29980	617.96950	99.70000	3.50250	-.05540	.19770	-8.06480
-8.253	-3.833	.94990	976.84010	1745.89990	617.02540	99.60000	3.49700	-.05540	.19770	-6.79550
-8.083	.388	.95010	978.31200	1748.79980	618.13310	99.50000	3.50380	-.05540	.19770	-5.46880
-7.950	4.239	.95030	979.28830	1751.09990	619.11620	99.60000	3.50790	-.05550	.19770	-6.88270
-7.798	6.265	.95030	974.56930	1742.50000	616.02590	99.60000	3.49060	-.05550	.19770	-8.20880
	GRADIENT	.00005	.30402	.64489	.25908	-.00038	.00135	-.00001	-.00000	-.00560

RUN NO. 1546/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.260	-6.107	.94980	975.66240	1743.59990	616.15260	99.50000	3.49310	-.05540	.19770	-6.64910
-4.310	-3.990	.94990	976.74190	1745.70000	616.94700	99.50000	3.49740	-.05540	.19770	-4.82590
-4.014	.184	.94990	978.41380	1748.70000	618.01100	99.50000	3.50340	-.05540	.19770	-2.34650
-3.978	4.288	.95000	978.70680	1749.39990	618.31250	99.50000	3.50490	-.05540	.19770	-4.96740
-3.697	6.279	.94960	977.83110	1747.09990	617.27390	99.70000	3.49830	-.05540	.19770	-6.66010
	GRADIENT	.00001	.23783	.44773	.16521	-.00000	.00091	.00000	.00000	-.01535

RUN NO. 1547/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.132	-6.433	.95030	974.56930	1742.50000	616.02590	99.40000	3.49220	-.05550	.19770	-6.30170
-.196	-4.442	.94940	978.62480	1748.00000	617.43290	99.60000	3.50060	-.05540	.19770	-4.32400
-.211	-.415	.95030	975.25680	1743.79980	616.50710	99.50000	3.49410	-.05550	.19770	-.33020
-.115	3.607	.95020	973.78490	1740.89990	615.39970	99.60000	3.48730	-.05540	.19770	3.65820
-.045	5.635	.95010	976.24660	1745.09990	616.82280	99.50000	3.49640	-.05540	.19770	5.67290
	GRADIENT	.00010	-.50140	-.88220	-.25261	-.00001	-.00165	-.00000	-.00000	.99176

RUN NO. 1548/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.181	-5.626	.94980	978.81010	1749.20000	618.12380	99.70000	3.50270	-.05540	.19770	6.69920
4.132	-3.757	.94980	978.90820	1749.39990	618.20210	99.60000	3.50330	-.05540	.19770	5.28890
4.034	.192	.94980	981.66380	1754.20000	619.86010	99.70000	3.51260	-.05540	.19770	3.97200
3.816	4.002	.94940	983.04960	1756.00000	620.28830	99.80000	3.51500	-.05540	.19770	5.31950
3.858	5.895	.94900	976.76460	1744.00000	615.81150	99.60000	3.49210	-.05540	.19780	6.79720
	GRADIENT	-.00005	.53474	.85284	.26979	.02577	.00144	.00000	.00000	.00189

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M039) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1549/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.242	-6.026	1.05010	849.99780	1707.39990	656.06980	99.80000	3.51110	-.06080	.19440	-8.02680
-8.195	-3.873	1.04910	844.03250	1693.39990	650.23930	99.80000	3.48160	-.06080	.19450	-6.58180
-8.102	.374	1.05020	844.30320	1696.20000	651.81960	99.90000	3.48730	-.06080	.19440	-5.24190
-7.957	4.263	1.04980	845.68530	1698.20000	652.41460	99.80000	3.49200	-.06080	.19440	-6.71530
-7.791	6.294	1.04960	846.47440	1699.39990	652.78960	99.90000	3.49350	-.06080	.19440	-8.04980
	GRADIENT	.00009	.20102	.59106	.26898	.00036	.00128	.00000	-.00001	-.01133

RUN NO. 1550/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.272	-6.180	1.05040	847.34030	1702.79980	654.46700	99.80000	3.50190	-.06090	.19440	-6.65710
-4.288	-3.994	1.05020	848.13060	1703.89990	654.78100	99.90000	3.50310	-.06090	.19440	-4.75320
-4.013	.178	1.05000	849.50830	1706.29980	655.62110	99.90000	3.50800	-.06090	.19440	-2.26470
-3.992	4.298	1.05020	848.91650	1705.39990	655.33980	99.90000	3.50620	-.06080	.19440	-4.90370
-3.643	6.313	1.04960	849.90920	1706.29980	655.44120	99.90000	3.50770	-.06080	.19440	-6.61390
	GRADIENT	-.00000	.09527	.18172	.06767	.00000	.00038	.00001	.00000	-.01686

RUN NO. 1551/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.004	-6.471	1.04980	850.39550	1707.70000	656.07370	99.90000	3.51070	-.06080	.19440	-6.32480
-.093	-4.441	1.05080	850.08110	1709.00000	657.00440	99.70000	3.51570	-.06090	.19440	-4.31290
-.094	-.414	1.04910	851.19630	1707.79980	655.77470	99.90000	3.51040	-.06080	.19450	-.32330
.000	3.621	1.05030	848.12840	1704.09990	654.90330	99.80000	3.50440	-.06080	.19440	3.67650
.144	5.633	1.04940	847.16550	1700.39990	653.08720	99.80000	3.49620	-.06080	.19440	5.67180
	GRADIENT	-.00006	-.24238	-.60790	-.26060	.01239	-.00140	.00001	-.00000	.99097

RUN NO. 1552/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.255	-5.673	1.04960	844.80660	1696.00000	651.47190	99.80000	3.48730	-.06080	.19440	6.72260
4.115	-3.746	1.04970	845.39210	1697.60000	652.12080	99.80000	3.49050	-.06080	.19440	5.20460
4.019	.192	1.05010	847.05250	1701.59990	653.86720	99.80000	3.49920	-.06080	.19440	3.78960
3.871	3.980	1.04940	849.71830	1705.39990	654.97970	100.00000	3.50490	-.06080	.19440	5.23960
3.896	5.868	1.04980	850.88600	1708.70000	656.46120	99.90000	3.51280	-.06080	.19440	6.71820
	GRADIENT	-.00004	.55898	1.02254	.37049	.02571	.00187	-.00000	-.00000	.00211

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 0.000

RUN NO. 1553/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.267	-6.032	1.09950	790.83420	1687.39990	669.17380	99.90000	3.49730	-.06320	.19440	-8.00480
-8.217	-3.875	1.10210	789.60770	1690.29980	671.34300	99.80000	3.50540	-.06330	.19450	-6.52760
-8.093	.375	1.10070	792.57500	1693.70000	672.15090	100.00000	3.51010	-.06320	.19440	-5.16220
-7.978	4.276	1.10010	791.11650	1689.29980	670.16770	99.80000	3.50240	-.06320	.19440	-6.68920
-7.740	6.333	1.10070	789.14480	1686.29980	669.20120	99.80000	3.49640	-.06320	.19440	-8.03080
	GRADIENT	-.00025	.19274	-.10899	-.13923	.00070	-.00035	.00001	-.00001	-.01476

RUN NO. 1560/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.330	-6.233	1.09860	792.51710	1689.20000	669.55540	100.10000	3.49900	-.06310	.19440	-6.69500
-4.174	-4.006	1.09590	793.84300	1686.39990	667.39480	101.00000	3.48460	-.06300	.19440	-4.69430
-3.906	.178	1.10350	784.38650	1682.00000	668.57320	99.70000	3.48960	-.06340	.19450	-2.16890
-4.001	4.455	1.10010	791.70410	1690.59990	670.69190	99.80000	3.50510	-.06320	.19440	-5.04590
-3.688	6.358	1.10120	789.13450	1687.39990	669.84470	99.80000	3.49890	-.06330	.19450	-6.66290
	GRADIENT	.00049	-.24553	.50194	.39004	-.14121	.00243	-.00002	-.00000	-.04388

RUN NO. 1561/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.012	-6.409	1.10280	789.00610	1690.50000	671.69530	99.80000	3.50610	-.06330	.19450	-6.26440
-.075	-4.396	1.09790	794.00170	1690.79980	669.89820	99.90000	3.50360	-.06310	.19440	-4.27220
-.113	-.350	1.10050	789.83350	1687.50000	669.62740	99.90000	3.49800	-.06320	.19440	-.26020
-.030	3.704	1.09840	792.32450	1688.39990	669.16580	99.80000	3.49970	-.06320	.19440	3.75960
.116	5.852	1.09830	792.52250	1688.59990	669.20360	99.80000	3.50010	-.06320	.19440	5.89110
	GRADIENT	.00006	-.20676	-.29608	-.09042	-.01235	-.00048	-.00001	.00000	.99149

RUN NO. 1562/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.246	-5.620	1.10150	788.24610	1686.20000	669.49710	99.90000	3.49580	-.06330	.19450	6.67170
4.110	-3.696	1.10100	790.31370	1689.59990	670.65870	100.00000	3.50190	-.06330	.19450	5.14250
3.896	.199	1.09870	791.73020	1687.79980	669.05200	99.90000	3.49780	-.06320	.19440	3.69500
3.839	3.937	1.10130	790.99510	1691.59990	671.55270	99.80000	3.50770	-.06330	.19450	5.19490
3.885	5.830	1.10010	789.93900	1686.89990	669.23680	99.90000	3.49660	-.06320	.19440	6.69390
	GRADIENT	.00003	.09118	.25701	.11345	-.02620	.00076	.00000	-.00000	.00424

1A105A, AEDC PWT-TF470, O T S WO/SILTS (U8M041) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 3.000

RUN NO. 1563/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.307	-6.109	1.15110	736.80660	1677.59990	683.42680	99.90000	3.49530	-.06550	.19620	-8.06060
-8.191	-3.915	1.14910	740.16990	1680.89990	684.12300	99.80000	3.50250	-.06550	.19610	-6.55450
-8.185	.342	1.15220	736.98440	1680.29980	684.86620	100.00000	3.50040	-.06560	.19620	-5.23160
-8.015	4.313	1.14770	741.07540	1679.89990	683.25760	100.10000	3.49760	-.06540	.19600	-6.71410
-7.783	6.377	1.14840	740.27930	1679.70000	683.41770	100.10000	3.49730	-.06540	.19600	-8.05760
	GRADIENT	-.00016	.09973	-.12177	-.10181	.03659	-.00059	.00001	-.00001	-.01543

RUN NO. 1564/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.953	-6.221	1.14800	741.46070	1681.59990	684.07350	100.00000	3.50200	-.06540	.19600	-7.21320
-6.285	-4.045	1.14790	740.77710	1679.79980	683.30370	100.10000	3.49740	-.06540	.19600	-5.63880
-6.197	.213	1.15310	736.28320	1680.70000	685.32350	100.20000	3.49980	-.06570	.19630	-3.83230
-6.009	4.288	1.15110	738.27640	1680.79980	684.70870	100.10000	3.50030	-.06550	.19620	-5.71330
-5.908	6.366	1.15200	736.79220	1679.39990	684.43140	100.10000	3.49760	-.06560	.19620	-7.33130
	GRADIENT	.00039	-.30573	.12069	.17089	.00018	.00035	-.00001	.00002	-.00571

RUN NO. 1565/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.167	.206	1.14730	741.57150	1680.20000	683.25540	100.10000	3.49810	-.06540	.19600	-2.37500
-4.040	4.344	1.15110	737.78590	1679.79980	684.31860	100.00000	3.49910	-.06560	.19620	-4.95200
-3.642	6.367	1.15220	737.86470	1682.39990	685.73580	100.00000	3.50480	-.06560	.19620	-6.64990
	GRADIENT	.00092	-.91477	-.09670	.25692	-.02416	.00024	-.00005	.00005	-.62272

RUN NO. 1566/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.015	-6.207	1.14990	739.07890	1680.20000	684.10380	100.10000	3.49880	-.06550	.19610	-6.06340
-.059	-4.209	1.15240	738.05860	1683.09990	686.05930	100.00000	3.50620	-.06560	.19620	-4.08310
-.077	-.329	1.14730	740.78760	1678.50000	682.57540	100.00000	3.49540	-.06540	.19600	-.23700
.039	3.838	1.15160	737.38550	1680.00000	684.56470	100.10000	3.49880	-.06560	.19620	3.89450
.172	5.826	1.15410	737.44210	1685.39990	687.54130	100.10000	3.51060	-.06570	.19630	5.86690
	GRADIENT	-.00009	-.09267	-.37603	-.17756	.01257	-.00090	-.00000	.00000	.99133

1A105A, AEDC PWT-TF470, O T S WO/SILTS (U8M041) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1567/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.284	-5.563	1.14700	741.47750	1679.50000	682.89720	100.10000	3.49660	-.06540	.19600	6.63500
4.113	-3.684	1.15070	737.69510	1678.70000	683.73800	100.70000	3.49090	-.06550	.19620	5.13700
3.992	.196	1.14900	738.70260	1677.39990	682.67360	100.80000	3.48700	-.06550	.19610	3.73110
3.798	3.931	1.14770	741.76050	1681.50000	683.91550	100.80000	3.49520	-.06540	.19600	5.14250
3.872	5.832	1.14990	737.90500	1677.39990	682.94410	100.80000	3.48720	-.06550	.19610	6.67610
	GRADIENT	-.00039	.53207	.36313	.02138	.01321	.00055	.00001	-.00003	-.00163

1A105A, AEDC PWT-TF470, O T S WO/SILTS (U8M042) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1568/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.238	-6.092	1.25310	643.94850	1675.00000	707.85500	100.80000	3.48860	-.07040	.20680	-7.99760
-8.307	-3.919	1.25300	643.95070	1674.59990	707.65230	100.70000	3.48860	-.07040	.20680	-6.54850
-8.140	.350	1.25320	644.53420	1676.59990	708.53760	100.70000	3.49270	-.07040	.20680	-5.14790
-8.012	4.315	1.24960	649.07470	1680.39990	709.47510	100.30000	3.50440	-.07020	.20630	-6.64790
-7.758	6.417	1.24920	648.88530	1678.89990	708.75610	100.30000	3.50130	-.07020	.20620	-8.03360
	GRADIENT	-.00041	.61606	.70134	.22118	-.04796	.00191	.00002	-.00006	-.00772

RUN NO. 1569/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.270	-6.214	1.25380	643.45190	1675.09990	708.01200	100.30000	3.49280	-.07040	.20690	-6.65490
-4.309	-4.041	1.25410	644.42380	1678.50000	709.52050	100.10000	3.50150	-.07050	.20700	-4.77520
-4.105	.197	1.25350	644.43210	1677.09990	708.81200	100.10000	3.49870	-.07040	.20690	-2.30660
-4.026	4.355	1.25050	646.81570	1676.59990	708.04370	100.10000	3.49800	-.07020	.20640	-4.94500
-3.659	6.375	1.25310	644.73070	1676.89990	708.64670	100.00000	3.49910	-.07040	.20680	-6.64890
	GRADIENT	-.00043	.28399	-.22663	-.17586	.00000	-.00042	.00004	-.00007	-.01832

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M042) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1570/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.005	-6.212	1.25150	645.72850	1675.89990	707.92580	100.00000	3.49720	-.07030	.20660	-6.06140
-.047	-4.195	1.25300	644.04830	1674.89990	707.78300	100.10000	3.49410	-.07040	.20680	-4.06330
-.037	-.339	1.25330	645.41160	1679.20000	709.66240	100.10000	3.50310	-.07040	.20690	-.24190
.040	3.843	1.25000	647.70120	1677.79980	708.45800	100.10000	3.50050	-.07020	.20630	3.90310
.148	5.821	1.25020	647.01590	1676.29980	707.84610	100.00000	3.49820	-.07020	.20640	5.86360
	GRADIENT	-.00038	.45575	.35098	.07874	-.00000	.00078	.00003	-.00006	.99107

RUN NO. 1571/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.289	-5.563	1.25090	646.51810	1676.59990	708.10860	100.00000	3.49880	-.07030	.20650	6.62500
4.098	-3.679	1.25100	646.80960	1677.59990	708.55130	100.00000	3.50080	-.07030	.20650	5.11840
3.967	.211	1.25030	647.20950	1677.09990	708.21090	99.90000	3.50070	-.07030	.20640	3.69880
3.789	3.935	1.25080	647.10500	1678.00000	708.68970	100.10000	3.50090	-.07030	.20650	5.13370
3.875	5.840	1.25110	646.41770	1676.79980	708.23170	99.90000	3.50000	-.07030	.20650	6.68050
	GRADIENT	-.00003	.03928	.05121	.01739	.01285	.00001	.00000	-.00000	-.00072

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M043) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1573/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.262	-6.073	1.39780	536.18970	1701.09990	733.37450	99.80000	3.50130	-.08490	.24470	-7.89070
-8.310	-3.897	1.39750	538.53200	1707.70000	736.21360	99.80000	3.51510	-.08480	.24450	-6.43010
-8.124	.396	1.39780	536.77510	1702.79980	734.10620	99.70000	3.50570	-.08480	.24460	-5.01570
-8.020	4.360	1.39830	536.57520	1703.39990	734.37380	99.50000	3.50830	-.08490	.24480	-6.59870
-7.810	6.432	1.40160	531.96260	1696.59990	731.49170	99.50000	3.49250	-.08560	.24610	-7.98570
	GRADIENT	.00010	-.23938	-.52938	-.22653	-.03616	-.00084	-.00001	.00004	-.01559

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M043) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1575/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.287	-6.166	1.40210	533.41890	1702.59990	734.08590	99.20000	3.50700	-.08570	.24630	-6.56460
-4.374	-4.036	1.40360	532.62500	1703.59990	734.53490	99.20000	3.50820	-.08590	.24690	-4.72770
-4.114	.232	1.40430	530.96140	1700.00000	732.99050	99.70000	3.49620	-.08610	.24710	-2.22610
-4.065	4.376	1.40120	534.11060	1702.50000	734.03000	99.70000	3.50320	-.08550	.24590	-4.93690
-3.699	6.409	1.40240	533.22140	1702.59990	734.08540	99.60000	3.50350	-.08570	.24640	-6.64990
	GRADIENT	-.00028	.17377	-.13431	-.06103	.05973	-.00061	.00005	-.00012	-.02182

RUN NO. 1577/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.159	-6.360	1.40100	533.62480	1700.59990	733.20900	99.60000	3.50020	-.08540	.24590	-6.18700
-.231	-4.245	1.40160	534.78810	1705.79980	735.45950	99.70000	3.50070	-.08560	.24610	-4.09170
-.182	-.362	1.40200	534.10230	1704.50000	734.90380	99.80000	3.50600	-.08570	.24620	-.24770
-.138	3.676	1.40430	532.42310	1704.70000	735.01710	99.80000	3.50510	-.08610	.24710	3.75160
-.044	5.859	1.40280	532.24320	1700.39990	733.14550	99.80000	3.49710	-.08580	.24650	5.91210
	GRADIENT	.00034	-.29935	-.13759	-.05529	.01254	-.00058	-.00006	.00013	.99018

RUN NO. 1578/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.254	-5.587	1.40070	534.60210	1703.00000	734.23950	99.70000	3.50440	-.08540	.24580	6.64050
4.102	-3.647	1.40100	534.59910	1703.70000	734.54540	99.80000	3.50490	-.08540	.24590	5.09760
3.884	.245	1.39940	534.51730	1699.59990	732.75420	99.60000	3.49900	-.08510	.24530	3.65892
3.769	3.962	1.39920	535.68870	1702.89990	734.17410	99.60000	3.50590	-.08510	.24520	5.16980
3.796	5.837	1.40030	534.70390	1702.29980	733.93140	99.70000	3.50320	-.08530	.24560	6.66720
	GRADIENT	-.00024	.14192	-.11256	-.05201	-.04648	.00012	.00004	-.00009	.00653

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (U8M044) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1579/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.428	-6.030	1.55070	407.01200	1608.79980	685.13820	100.50000	3.20150	-.14940	.32450	-8.05460
-8.411	-3.855	1.55260	405.43430	1606.89990	684.10550	100.50000	3.19620	-.15080	.32570	-6.60470
-8.231	.475	1.55380	404.44800	1605.79980	683.49100	100.40000	3.19380	-.15180	.32660	-5.22760
-8.012	4.455	1.55300	405.04000	1606.39990	683.83740	100.50000	3.19490	-.15120	.32600	-6.70900
-7.763	6.494	1.55230	405.24290	1605.39990	683.50510	100.40000	3.19430	-.15060	.32550	-8.06260
	GRADIENT	.00005	-.05010	-.06301	-.03387	-.00034	-.00016	-.00005	.00004	-.00770

RUN NO. 1580/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.462	-6.161	1.54980	407.11910	1607.00000	684.48510	100.40000	3.19950	-.14870	.32380	-6.61470
-4.481	-4.016	1.54720	407.72970	1603.39990	683.25460	100.30000	3.19520	-.14670	.32210	-4.75800
-4.183	.312	1.55070	406.42750	1606.50000	684.15820	100.40000	3.19770	-.14940	.32450	-2.26500
-3.959	4.439	1.54960	406.92650	1605.70000	683.95870	100.40000	3.19710	-.14850	.32370	-4.89750
-3.646	6.504	1.55140	405.64160	1604.89990	683.39940	100.40000	3.19400	-.14990	.32490	-6.68600
	GRADIENT	.00029	-.09668	.27567	.08430	.01192	.00023	-.00022	.00019	-.01169

RUN NO. 1581/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.308	-6.308	1.55270	405.72510	1608.39990	684.72610	100.40000	3.19990	-.15100	.32580	-6.07950
-.386	-4.257	1.55290	404.26170	1603.09990	682.44360	100.40000	3.18910	-.15110	.32600	-4.04500
-.375	-.423	1.55420	404.63820	1607.59990	684.20260	100.50000	3.19630	-.15220	.32690	-.24150
-.309	3.750	1.55200	405.05050	1604.09990	682.97950	100.60000	3.19030	-.15040	.32540	3.99450
-.228	5.739	1.55190	405.83030	1607.00000	684.22390	100.40000	3.19770	-.15040	.32530	5.86580
	GRADIENT	-.00012	.09852	.11073	.06164	.02496	.00013	.00009	-.00008	.99156

RUN NO. 1582/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.311	-5.444	1.55350	404.74320	1606.29980	683.73880	100.50000	3.19430	-.15160	.32640	6.69500
4.121	-3.564	1.55240	406.21530	1609.59990	685.27540	100.70000	3.20020	-.15070	.32560	5.22450
3.859	.328	1.55020	407.01760	1607.50000	684.65210	100.60000	3.19860	-.14890	.32410	3.83840
3.633	3.975	1.55130	405.64210	1604.79980	683.36210	100.40000	3.19380	-.14980	.32490	5.25290
3.687	5.855	1.55110	405.64480	1604.20000	683.13790	100.50000	3.19210	-.14970	.32470	6.76510
	GRADIENT	-.00015	-.07288	-.63564	-.25275	-.03964	-.00084	.00012	-.00010	-.00026

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (U8M045) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1619/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.240	-7.912	.60190	1754.47560	2241.20001	444.95000	99.20000	3.52120	.07420	.19660	-10.25850
-8.185	-3.736	.59910	1755.86330	2238.09991	441.20780	99.20000	3.50490	.07740	.19620	-7.38640
-8.038	.306	.60250	1751.08910	2237.89990	444.95210	99.30000	3.51760	.07350	.19670	-6.15790
-7.727	4.279	.60060	1757.79810	2243.20001	443.91600	99.40000	3.51750	.07570	.19640	-7.38340
-7.758	8.237	.60110	1756.28641	2242.09991	444.22240	99.50000	3.51690	.07510	.19650	-10.25850
	GRADIENT	.00019	.23598	.63435	.33906	.02495	.00158	-.00021	.00003	.00127

RUN NO. 1620/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.206	-8.027	.60050	1757.29660	2242.39990	443.64650	99.50000	3.51510	.07580	.19640	-8.67510
-4.308	-3.801	.60140	1750.83299	2235.59991	443.23100	99.50000	3.50780	.07480	.19650	-4.98640
-3.970	.188	.60180	1755.66800	2242.50000	445.06490	99.50000	3.52030	.07440	.19660	-2.67550
-3.891	4.170	.60290	1749.49020	2236.59991	445.16970	99.40000	3.51640	.07310	.19670	-5.09240
-3.606	8.284	.60210	1752.19260	2238.59991	444.63650	99.40000	3.51620	.07400	.19660	-8.74500
	GRADIENT	.00019	-.16804	.12593	.24327	-.01254	.00108	-.00021	.00003	-.01312

RUN NO. 1621/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.159	-8.356	.60230	1754.36330	2241.70001	445.46140	99.50000	3.52100	.07380	.19660	-8.35940
-.251	-4.244	.60350	1753.32739	2242.59991	447.06420	99.50000	3.52760	.07240	.19680	-4.26710
-.232	-.205	.60230	1753.27470	2240.29980	445.17750	99.30000	3.52040	.07380	.19660	-.25010
-.195	3.811	.60310	1762.64529	2253.79980	448.83790	99.30000	3.54520	.07280	.19670	3.74620
-.118	7.833	.60190	1752.99319	2239.20001	444.48460	99.00000	3.51940	.07430	.19660	7.74840
	GRADIENT	-.00005	1.15559	1.38847	.21953	-.02485	.00218	.00005	-.00001	.99475

RUN NO. 1622/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.139	-7.742	.60070	1757.48930	2242.89990	443.90870	99.80000	3.51400	.07560	.19640	8.53180
4.234	-3.844	.59980	1750.98801	2233.09991	441.00340	99.80000	3.49520	.07660	.19630	5.53580
4.149	.192	.59720	1753.85620	2232.09991	437.80790	99.80000	3.48270	.07980	.19600	4.23180
3.854	4.099	.59750	1756.02049	2235.50000	438.89160	100.00000	3.48790	.07930	.19600	5.51380
3.907	7.946	.59800	1755.90379	2236.20001	439.57640	99.80000	3.49260	.07880	.19610	8.64560
	GRADIENT	-.00029	.63400	.29915	-.26875	.02504	-.00093	.00034	-.00004	-.00453

1A105A, AEDC PWT-TF470, O T S W/SILTS (U8M046) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1614/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.343	-5.965	.79970	1232.89259	1878.79980	551.93040	99.90000	3.50110	-.03820	.20410	-8.50530
-8.266	-3.837	.80010	1232.87920	1879.59990	552.53150	99.90000	3.50360	-.03830	.20400	-7.09700
-8.188	.339	.80000	1230.90919	1876.39990	551.50320	99.80000	3.49820	-.03830	.20400	-5.82400
-7.993	4.256	.79810	1231.06760	1873.00000	548.87770	99.90000	3.48680	-.03790	.20410	-7.16410
-7.831	6.290	.79690	1235.34621	1877.29980	549.14720	99.90000	3.49220	-.03770	.20410	-8.45940
	GRADIENT	-.00024	-.22657	-.81490	-.44918	-.00026	-.00207	.00005	.00001	-.00483

RUN NO. 1615/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.336	-6.111	.79950	1232.89771	1878.50000	551.70480	100.00000	3.49940	-.03820	.20410	-6.78230
-4.330	-3.952	.79980	1232.29880	1878.00000	551.74220	99.90000	3.49980	-.03830	.20410	-4.91870
-4.067	.196	.79940	1233.09990	1878.50000	551.56740	99.80000	3.50070	-.03820	.20410	-2.52940
-3.933	4.275	.79950	1232.79980	1878.29980	551.62350	100.00000	3.49900	-.03820	.20410	-5.01870
-3.722	6.330	.79940	1232.90260	1878.20000	551.47950	99.90000	3.49930	-.03820	.20410	-6.78630
	GRADIENT	-.00004	.06128	.03668	-.01451	.01205	-.00010	.00001	-.00000	-.01048

RUN NO. 1616/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.146	-6.236	.79840	1234.50980	1878.89990	550.90360	100.00000	3.49770	-.03800	.20410	-6.13270
-.216	-4.130	.80030	1232.38161	1879.09990	552.49980	100.10000	3.50130	-.03840	.20400	-4.03790
-.224	-.317	.80140	1231.46091	1879.70000	553.56910	100.10000	3.50480	-.03860	.20400	-.24910
-.153	3.901	.79700	1233.46730	1874.70000	548.50120	100.10000	3.48600	-.03770	.20410	3.94090
-.060	5.831	.79710	1234.84689	1876.89990	549.19140	100.10000	3.49030	-.03770	.20410	5.86030
	GRADIENT	-.00042	.14119	-.55911	-.51030	-.00000	-.00195	.00009	.00001	.99354

RUN NO. 1617/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.112	-5.654	.80220	1232.02780	1882.09990	554.95830	100.30000	3.50940	-.03880	.20400	6.72280
4.152	-3.747	.79990	1234.46440	1881.59990	552.93360	100.10000	3.50520	-.03830	.20400	5.34710
4.104	.201	.80010	1233.76781	1880.89990	552.88920	100.10000	3.50430	-.03830	.20400	4.04890
3.755	3.998	.79820	1233.03740	1876.20000	549.90650	99.90000	3.49300	-.03790	.20410	5.31100
3.690	5.851	.79860	1232.43190	1876.09990	550.24490	100.00000	3.49300	-.03800	.20410	6.72170
	GRADIENT	-.00022	-.18419	-.69375	-.38833	-.02565	-.00157	.00005	.00001	-.00680

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (U8M046) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1618/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.137	-5.675	.79730	1235.33420	1878.00000	549.67430	100.10000	3.49270	-.03770	.20410	7.86340
6.030	-3.703	.79680	1234.16380	1875.39990	548.54520	100.00000	3.48770	-.03760	.20410	6.59380
6.019	.211	.79770	1232.95461	1875.09990	549.14750	100.00000	3.48900	-.03780	.20410	5.59290
5.844	4.071	.79690	1234.06270	1875.39990	548.61400	100.10000	3.48710	-.03770	.20410	6.66830
5.709	5.917	.80110	1229.59399	1876.39990	552.39700	100.00000	3.49890	-.03850	.20400	7.78670
	GRADIENT	.00001	-.01369	-.00018	.00918	.01283	-.00008	-.00001	-.00000	.00897

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (U8M047) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1588/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.310	-6.000	.90010	1053.44820	1781.79980	597.37350	97.90000	3.51500	-.05180	.20010	-8.35450
-8.257	-3.857	.89950	1055.72920	1784.50000	597.87110	99.00000	3.51040	-.05170	.20010	-6.93360
-8.202	.340	.89940	1056.12550	1785.00000	597.97880	99.10000	3.51050	-.05170	.20010	-5.64480
-8.003	4.262	.90020	1055.70900	1785.89990	598.84520	99.00000	3.51430	-.05180	.20010	-7.00580
-7.868	6.301	.90120	1054.40160	1785.59990	599.41600	99.40000	3.51190	-.05190	.20000	-8.32450
	GRADIENT	.00008	-.00135	.17178	.11886	.00028	.00047	-.00001	-.00000	-.00520

RUN NO. 1589/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.271	-6.105	.89940	1053.76250	1781.00000	596.63670	99.80000	3.49690	-.05170	.20010	-6.69000
-4.341	-3.998	.89870	1054.56810	1781.09990	596.22530	99.80000	3.49620	-.05170	.20010	-4.88940
-4.088	.193	.90030	1055.11520	1785.09990	598.64870	99.70000	3.50720	-.05180	.20010	-2.44820
-3.967	4.281	.90090	1055.98390	1787.79980	599.98660	99.80000	3.51270	-.05180	.20000	-4.97220
-3.753	6.346	.90150	1054.98360	1787.20000	600.16870	99.80000	3.51230	-.05190	.20000	-6.74410
	GRADIENT	.00027	.17084	.80984	.45481	-.00010	.00200	-.00001	-.00001	-.00754

1A105A, AEDC PWT-TF470, O T S W/SILTS (U8M047) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1590/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.117	-6.491	.89820	1055.27150	1781.29980	595.94340	100.00000	3.49420	-.05160	.20020	-6.36780
-.191	-4.145	.89930	1056.22630	1785.00000	597.91870	100.10000	3.50220	-.05170	.20010	-4.03790
-.213	-.312	.90320	1052.08150	1785.59990	600.79200	100.20000	3.50850	-.05210	.19990	-.23090
-.159	3.697	.89740	1054.01250	1777.70000	594.21750	100.00000	3.48600	-.05160	.20020	3.74830
-.059	5.872	.89840	1056.84200	1784.29980	597.07030	100.10000	3.49950	-.05160	.20020	5.90870
	GRADIENT	-.00025	-.27644	-.93886	-.48093	-.01304	-.00209	.00001	.00001	.99288

RUN NO. 1591/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.240	-5.722	.90020	1053.93649	1782.89990	597.83860	100.10000	3.49950	-.05180	.20010	6.81410
4.161	-3.737	.89900	1055.74100	1783.70000	597.31420	100.20000	3.49850	-.05170	.20010	5.30770
4.069	.201	.90080	1052.34570	1781.29980	597.68550	100.10000	3.49720	-.05190	.20000	3.97000
3.745	3.947	.89980	1055.52150	1784.89990	598.26950	100.10000	3.50290	-.05180	.20010	5.24640
3.820	5.883	.90420	1051.26590	1786.20000	601.68580	100.00000	3.51280	-.05210	.19990	6.77400
	GRADIENT	.00011	-.03570	.14960	.12407	-.01312	.00056	-.00001	.00000	-.01082

1A105A, AEDC PWT-TF470, O T S W/SILTS (U8M048) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1592/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.094	-6.112	.95110	975.33370	1745.59990	617.65330	100.30000	3.49220	-.05550	.19770	-8.23350
-8.246	-3.885	.94650	980.86160	1746.39990	615.14260	100.30300	3.48830	-.05520	.19790	-6.86450
-8.212	.298	.95130	977.00290	1748.79980	618.85060	100.40000	3.49790	-.05550	.19770	-5.56020
-7.743	4.325	.95000	981.75630	1754.79980	620.20530	100.40000	3.50840	-.05540	.19770	-6.82240
-7.936	6.324	.95300	977.54740	1753.29980	621.51950	100.70000	3.50660	-.05560	.19760	-8.28850
	GRADIENT	.00043	.10230	1.02024	.61841	.01226	.00245	-.00002	-.00002	.00711

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M048) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1593/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.268	-6.134	.94880	979.91770	1749.20000	617.51510	99.00000	3.50720	-.05530	.19780	-6.69000
-4.334	-4.011	.94890	978.83400	1747.39990	616.92110	99.00000	3.50360	-.05540	.19780	-4.87120
-4.100	.190	.95020	979.39040	1751.00000	618.99410	99.80000	3.50590	-.05540	.19770	-2.42290
-3.974	4.296	.94750	980.54080	1747.79980	616.24630	99.60000	3.49790	-.05530	.19780	-4.97120
-3.742	6.349	.94650	979.77930	1744.50000	614.48170	99.70000	3.48930	-.05520	.19790	-6.73210
	GRADIENT	-.00017	.20518	.05122	-.07904	.07268	-.00068	.00001	-.00000	-.00977

RUN NO. 1594/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.068	-6.221	.94730	979.85840	1746.09990	615.49730	99.70000	3.49340	-.05520	.19780	-6.09250
-.142	-4.175	.94720	978.77880	1744.00000	614.70260	99.70000	3.48910	-.05520	.19780	-4.06180
-.160	-.325	.94950	979.31100	1749.39990	617.98100	99.60000	3.50350	-.05540	.19770	-.24150
-.094	3.674	.94720	980.35280	1746.79980	615.68800	99.70000	3.49470	-.05520	.19780	3.72570
.016	5.891	.94770	979.65040	1746.59990	615.94290	99.80000	3.49420	-.05530	.19780	5.92750
	GRADIENT	-.00000	.20091	.35023	.12105	.00016	.00069	.00000	.00000	.99211

RUN NO. 1595/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.168	-5.644	.94930	979.31620	1749.00000	617.71360	99.80000	3.50080	-.05540	.19770	6.69390
4.140	-3.721	.94600	979.79270	1743.50000	613.81180	99.80000	3.48590	-.05520	.19790	5.25510
3.995	.200	.94840	981.79640	1751.79980	618.20090	99.80000	3.50540	-.05530	.19780	3.91500
3.783	3.971	.94670	980.26810	1745.99990	614.94020	99.80000	3.49090	-.05520	.19790	5.25730
3.844	5.873	.94600	981.07230	1745.70000	614.56230	99.80000	3.49020	-.05520	.19790	6.76290
	GRADIENT	.00009	.06479	.28524	.15316	.00000	.00068	-.00000	-.00000	-.00198

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M049) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1596/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.253	-6.059	1.05100	846.73900	1702.79980	654.73630	99.80000	3.50230	-.06090	.19440	-8.10760
-8.285	-3.918	1.04710	850.74850	1702.79980	652.93310	99.70000	3.50040	-.06070	.19450	-6.68700
-8.206	.341	1.05070	846.74630	1702.09990	654.30810	99.70000	3.50140	-.06090	.19440	-5.31230
-7.985	4.303	1.04860	849.44120	1703.20000	653.76640	99.80000	3.50140	-.06080	.19450	-6.73410
-7.819	6.370	1.05020	847.93330	1703.59990	654.68730	99.90000	3.50260	-.06090	.19440	-8.10760
	GRADIENT	.00019	-.16877	.04601	.10413	.01201	.00012	-.00001	-.00000	-.00162

RUN NO. 1597/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.184	-6.146	1.05300	846.20510	1705.89990	656.85520	99.90000	3.50920	-.06100	.19440	-6.61470
-4.355	-4.052	1.04940	848.24460	1702.59990	653.93970	100.00000	3.49910	-.06080	.19440	-4.84390
-4.085	.183	1.05060	847.14090	1702.70000	654.49560	99.80000	3.50180	-.06090	.19440	-2.32710
-4.008	4.322	1.04930	849.91550	1705.70000	655.07350	99.90000	3.50630	-.06080	.19450	-4.92580
-3.664	6.373	1.04980	849.41460	1705.70000	655.29860	99.80000	3.50740	-.06080	.19440	-6.66790
	GRADIENT	-.00001	.19778	.36889	.13538	-.01208	.00086	-.00000	.00001	-.00747

RUN NO. 1598/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.067	-6.212	1.05180	847.11450	1705.20000	656.02510	99.90000	3.50690	-.06090	.19440	-6.07040
-.040	-4.189	1.05000	848.82150	1704.89990	655.07860	99.80000	3.50590	-.06080	.19440	-4.06530
-.034	-.327	1.04850	847.08760	1698.29980	651.84470	99.80000	3.49130	-.06070	.19450	-.23720
.041	3.848	1.05150	849.57540	1709.39990	657.47340	100.00000	3.51450	-.06090	.19440	3.90200
.203	5.823	1.05070	845.47000	1699.59990	653.36180	99.90000	3.49470	-.06090	.19440	5.86250
	GRADIENT	.00019	.10057	.58819	.31212	.02519	.00113	-.00001	-.00000	.99128

RUN NO. 1599/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.099	-5.594	1.05060	845.96360	1700.29980	653.56570	100.00000	3.49520	-.06080	.19440	6.56940
4.130	-3.699	1.05040	849.30350	1706.70000	655.95580	99.90000	3.50910	-.06080	.19440	5.16000
4.088	.196	1.05320	844.63210	1703.00000	655.79860	99.80000	3.50410	-.06100	.19440	3.82000
3.738	3.934	1.05150	847.41630	1705.09990	655.82960	100.00000	3.50570	-.06090	.19440	5.12060
3.632	5.830	1.05330	846.98560	1707.89990	657.71970	100.00000	3.51260	-.06100	.19440	6.65940
	GRADIENT	.00015	-.25398	-.21487	-.01670	.01283	-.00045	-.00001	.00000	-.00756

IA105A, AEDC PWT-TF470, O T S W/SILTS (U8M050) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1600/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.176	-6.122	1.09760	793.51680	1689.20000	669.15820	100.20000	3.49770	-.06310	.19440	-8.06260
-8.311	-3.922	1.09790	792.53100	1687.70000	668.67580	100.10000	3.49560	-.06310	.19440	-8.63580
-8.183	.343	1.10120	789.91940	1689.00000	670.46530	100.20000	3.49900	-.06330	.19450	-5.23370
-8.029	4.314	1.09820	793.60380	1690.59990	669.93970	100.20000	3.50090	-.06310	.19440	-6.73110
-7.781	6.381	1.09620	792.36770	1683.79980	666.46630	100.10000	3.48670	-.06310	.19440	-8.08160
	GRADIENT	.00005	.12115	.35154	.1563	.01228	.00065	-.00000	.00000	-.00739

RUN NO. 1602/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.174	-6.179	1.09810	792.52640	1688.20000	668.96900	100.10000	3.49670	-.06310	.19440	-6.63280
-4.379	-4.037	1.09940	792.30490	1690.50000	670.39620	100.10000	3.50210	-.06320	.19440	-4.81460
-4.103	.185	1.09710	792.54590	1686.09990	667.73710	100.10000	3.49190	-.06310	.19440	-2.32040
-4.031	4.326	1.09960	792.10500	1690.50000	670.47530	100.10000	3.50220	-.06320	.19440	-4.94090
-3.635	6.387	1.10020	788.76070	1684.59990	668.36430	100.10000	3.49020	-.06320	.19440	-6.67690
	GRADIENT	.00002	-.02364	-.00338	.00738	.00000	.00000	.00000	.00000	-.01314

RUN NO. 1603/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.067	-6.218	1.10020	791.70210	1690.79980	670.80880	100.20000	3.50230	-.06320	.19440	-6.07750
-.029	-4.166	1.09680	793.33570	1687.20000	668.06420	100.00000	3.49480	-.06310	.19440	-4.04500
-.064	-.340	1.10000	790.03980	1686.79980	669.13870	100.10000	3.49470	-.06320	.19440	-.24830
.028	3.866	1.09720	794.50370	1690.59990	669.58200	100.20000	3.50050	-.06310	.19440	3.92140
.139	5.824	1.10230	789.21240	1689.79980	671.20800	100.10000	3.50190	-.06330	.19450	5.86470
	GRADIENT	.00004	.16048	.43118	.18758	.02488	.00072	.00000	-.00000	.99178

RUN NO. 1604/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.108	-5.596	1.09920	791.72190	1688.70000	669.57930	100.10000	3.49820	-.06320	.19440	6.56940
4.150	-3.692	1.09910	792.01710	1689.20000	669.75340	100.10000	3.49930	-.06320	.19440	5.14350
4.070	.193	1.09750	792.92990	1687.79980	668.57540	100.10000	3.49560	-.06310	.19440	3.80380
3.761	3.932	1.09920	793.48580	1692.50000	671.09280	100.30000	3.50450	-.06320	.19440	5.13700
3.844	5.831	1.09740	791.26490	1684.09990	667.08080	100.10000	3.48790	-.06310	.19440	6.67280
	GRADIENT	.00001	.19291	.42765	.17255	.02606	.00067	.00000	.00000	-.00310

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (U8M051) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1605/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.237	-6.085	1.15290	737.85280	1683.89990	686.57230	99.00000	3.51630	-.06570	.19630	-8.05960
-8.246	-3.928	1.15010	739.56620	1681.59990	684.71730	99.10000	3.50990	-.06550	.19610	-6.62380
-8.235	.340	1.15290	736.77710	1681.29980	685.49070	98.90000	3.51170	-.06560	.19630	-5.27800
-8.011	4.316	1.14900	738.99610	1678.09990	682.96340	98.90000	3.50400	-.06540	.19610	-6.71310
-7.828	6.401	1.15320	737.65260	1684.00000	686.69480	98.90000	3.51740	-.06570	.19630	-8.07660
	GRADIENT	-.00012	-.07631	-.42020	-.20792	-.02454	-.00070	.00001	.00000	-.00684

RUN NO. 1606/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.204	-6.193	1.15040	740.73510	1685.00000	686.21220	99.50000	3.51380	-.06560	.19610	-6.64990
-4.314	-4.051	1.15230	734.82790	1675.70000	683.03810	99.70000	3.49330	-.06560	.19620	-4.82370
-4.101	.186	1.15250	737.46850	1682.09990	685.70260	99.80000	3.50580	-.06560	.19630	-2.34960
-4.012	4.351	1.14790	739.79790	1677.59990	682.41190	99.80000	3.49530	-.06540	.19600	-4.95100
-3.646	6.371	1.14790	738.62300	1674.89990	681.30810	99.80000	3.48970	-.06540	.19600	-6.65290
	GRADIENT	-.00052	.59162	.22980	-.07252	.01194	.00025	.00002	-.00002	-.01344

RUN NO. 1607/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.073	-6.220	1.14960	738.59470	1678.39990	683.26660	99.80000	3.49740	-.06550	.19610	-6.07650
-.012	-4.191	1.15210	737.96440	1682.39990	685.70240	99.80000	3.50640	-.06560	.19620	-4.06530
-.024	-.365	1.15080	736.51880	1676.20000	682.74610	99.80000	3.49310	-.06560	.19620	-.27160
.055	3.680	1.14790	741.65840	1681.79980	684.11740	99.80000	3.50400	-.06540	.19600	3.73860
.191	5.882	1.15180	740.71120	1688.00000	687.88720	100.00000	3.51630	-.06560	.19620	5.92310
	GRADIENT	-.00054	.47700	-.06226	-.19621	.00000	-.00028	.00003	-.00003	.99151

RUN NO. 1608/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.207	-5.619	1.14900	736.84280	1673.09990	680.91190	99.80000	3.48620	-.06550	.19610	6.62720
4.152	-3.690	1.15010	739.07640	1680.50000	684.27150	99.80000	3.50130	-.06550	.19610	5.14140
4.015	.200	1.15060	739.45920	1682.50000	685.25390	99.90000	3.50540	-.06550	.19620	3.72680
3.798	3.923	1.15260	738.25070	1684.00000	686.49410	99.80000	3.50980	-.06560	.19630	5.12500
3.880	5.833	1.15470	734.69070	1680.39990	685.68970	99.80000	3.50280	-.06580	.19640	6.67280
	GRADIENT	.00033	-.10691	.46012	.29164	.00019	.00104	-.00001	.00003	-.00485

1A105A, AEDC PWT-TF470, 0 T S W/SILTS (U8M052) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1609/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.225	-6.081	1.24960	646.73000	1674.29980	706.89700	100.00000	3.49410	-.07020	.20630	-8.00460
-8.295	-3.927	1.24820	650.46120	1680.79980	709.37280	100.10000	3.50700	-.07010	.20600	-6.57760
-8.176	.349	1.25040	646.42580	1675.39990	707.52100	100.00000	3.49630	-.07020	.20640	-5.18720
-8.009	4.314	1.25040	648.57570	1680.89990	709.83760	100.00000	3.50780	-.07020	.20640	-6.64580
-7.808	6.402	1.25100	646.51610	1676.89990	708.26070	100.10000	3.49850	-.07030	.20650	-8.02560
	GRADIENT	.00027	-.23810	-.00445	.05003	-.01228	.00006	-.00001	.00005	-.00393

RUN NO. 1610/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.218	-6.193	1.24960	648.78130	1679.70000	709.18460	100.10000	3.50450	-.07020	.20630	-6.64080
-4.336	-4.035	1.25480	644.02490	1678.89990	709.80740	100.10000	3.50230	-.07050	.20710	-4.79640
-4.091	.198	1.25140	648.36740	1682.59990	710.74340	100.10000	3.51040	-.07030	.20660	-2.31760
-3.999	4.326	1.24740	648.12670	1673.00000	705.92920	100.10000	3.49080	-.07010	.20590	-4.91160
-3.682	6.402	1.25040	646.91530	1676.50000	707.97120	100.20000	3.49700	-.07020	.20640	-6.67790
	GRADIENT	-.00088	.49282	-.69891	-.46091	.00000	-.00136	.00005	-.00014	-.01124

RUN NO. 1611/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.086	-6.226	1.24870	647.71900	1674.79980	706.93310	100.20000	3.49360	-.07020	.20610	-6.07750
.001	-4.182	1.25010	647.11430	1676.39990	707.87720	100.00000	3.49840	-.07020	.20630	-4.05160
.007	-.333	1.24980	646.04270	1673.09990	706.43950	100.10000	3.49070	-.07020	.20630	-.23520
.063	3.836	1.25060	645.34880	1673.00000	706.54030	100.10000	3.49050	-.07020	.20640	3.89660
.169	5.826	1.24980	649.17040	1681.00000	709.75830	100.20000	3.50640	-.07020	.20630	5.87020
	GRADIENT	.00006	-.21943	-.41851	-.16410	.01230	-.00097	.00000	.00001	.99127

RUN NO. 1612/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.147	-5.584	1.25180	646.50610	1678.59990	709.12330	100.10000	3.50200	-.07030	.20660	6.56270
4.135	-3.685	1.25130	647.58740	1680.29980	709.74900	100.10000	3.50560	-.07030	.20650	5.12390
4.072	.209	1.24930	647.31980	1675.20000	707.22390	100.00000	3.49600	-.07020	.20620	3.76720
3.757	3.937	1.25300	646.68580	1681.79980	710.70210	100.10000	3.50850	-.07040	.20680	5.10860
3.846	5.834	1.25380	644.03710	1676.79980	708.74510	100.00000	3.49880	-.07050	.20690	6.65390
	GRADIENT	.00022	-.11792	.18564	.11932	-.00019	.00036	-.00001	.00004	-.00457

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M053) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2049/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.242	-7.886	.60070	1742.14819	2223.29980	440.01560	99.60000	3.48490	.07560	.19640	-10.26010
-8.063	-3.828	.59840	1756.68089	2237.89990	440.36840	99.70000	3.49770	.07830	.19620	-7.35600
-8.093	.346	.59880	1753.30299	2234.20001	440.02910	99.60000	3.49410	.07790	.19620	-6.22080
-7.597	4.207	.59850	1759.84689	2242.00000	441.21830	99.70000	3.50430	.07820	.19620	-7.26090
-7.574	8.075	.59940	1757.93240	2241.20001	442.11670	99.50000	3.50850	.07710	.19630	-10.05250
	GRADIENT	.00001	.37779	.49142	.10324	-.00032	.00080	-.00001	-.00000	.01534

RUN NO. 2050/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-3.933	-8.031	.60030	1752.35600	2235.70001	442.06690	99.50000	3.50360	.07610	.19640	-8.60580
-4.122	-3.897	.59890	1750.92261	2231.39990	439.62790	99.50000	3.49110	.07770	.19620	-4.98290
-3.941	.188	.60020	1757.21190	2241.59991	443.04370	99.50000	3.51220	.07630	.19640	-2.66990
-3.848	4.134	.59910	1758.24150	2241.00000	441.69480	99.50000	3.50680	.07750	.19620	-5.05770
-3.769	8.144	.59830	1753.12300	2233.09991	439.25150	99.50000	3.49120	.07840	.19610	-8.66370
	GRADIENT	.00003	.91503	1.20301	.26075	-.00000	.00197	-.00003	.00000	-.00597

RUN NO. 2051/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.104	-8.146	.59880	1760.03320	2242.79980	441.73830	99.50000	3.50850	.07790	.19620	-8.15420
-.238	-4.288	.60140	1745.88380	2229.29980	441.99440	99.50000	3.49790	.07480	.19650	-4.31180
-.229	-.027	.59910	1759.72610	2242.89990	442.07450	99.50000	3.50980	.07750	.19620	-.07600
-.171	3.800	.60220	1754.76151	2242.09991	441.47140	99.50000	3.52140	.07390	.19660	3.73480
-.067	7.819	.60310	1757.59891	2247.29980	442.51290	99.50000	3.53320	.07290	.19670	7.73640
	GRADIENT	.00009	1.13826	1.61305	.42218	.00000	.00290	-.00010	.00001	.99494

RUN NO. 2052/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.489	-7.688	.60020	1755.92461	2240.00000	442.75490	99.50000	3.50980	.07620	.19640	8.61870
4.211	-3.851	.59730	1761.67070	2242.29980	439.97290	99.40000	3.50240	.07960	.19600	5.52410
4.181	.187	.59970	1759.50369	2243.79980	443.01370	99.50000	3.51390	.07670	.19630	4.24840
3.871	4.123	.59830	1753.61650	2233.79980	439.43530	99.20000	3.49480	.07840	.19610	5.52850
3.881	7.978	.60070	1759.17090	2245.09991	444.37890	99.50000	3.52000	.07560	.19640	8.65750
	GRADIENT	.00013	-1.00804	-1.05980	-.06389	-.02487	-.00094	-.00015	.00001	-.00081

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M053) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2053/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
8.218	-7.805	.59870	1757.36501	2239.20001	440.90060	99.40000	3.50320	.07800	.19620	10.70690
8.196	-3.801	.59990	1754.15410	2237.20001	441.85330	99.40000	3.50490	.07660	.19630	8.43900
7.858	.139	.59840	1751.63210	2231.50000	439.12960	99.30000	3.49100	.07830	.19620	7.37340
8.175	4.139	.59990	1756.72510	2240.59991	442.60250	99.50000	3.50970	.07650	.19630	8.59140
7.969	8.038	.59910	1754.97391	2236.89990	440.92650	99.50000	3.50050	.07750	.19620	10.73500
	GRADIENT	.00000	.32620	.43287	.09632	.01269	.00061	-.00001	.00000	.01992

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M054) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2044/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.324	-5.919	.79980	1230.12840	1874.70000	550.77610	100.10000	3.49200	-.03820	.20410	-8.47090
-8.322	-3.856	.79990	1230.91260	1876.20000	551.35280	100.10000	3.49520	-.03830	.20400	-7.15170
-8.237	.362	.79950	1232.89920	1878.39990	551.62990	100.10000	3.49830	-.03820	.20410	-5.88100
-7.973	4.230	.79980	1234.07471	1880.70000	552.53250	100.20000	3.50240	-.03830	.20410	-7.13160
-7.718	6.219	.80050	1234.05299	1882.00000	553.50930	100.10000	3.50710	-.03840	.20400	-8.35110
	GRADIENT	-.00001	.39224	.55595	.14468	.01218	.00089	.00000	.00001	.00699

RUN NO. 2045/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.248	-6.085	.79990	1234.07150	1880.89990	552.66290	100.20000	3.50300	-.03830	.20400	-6.72570
-4.421	-4.047	.80020	1231.39841	1877.39990	551.91040	100.10000	3.49730	-.03830	.20400	-5.04250
-4.058	.198	.79990	1228.34740	1872.29980	550.21120	100.10000	3.48790	-.03830	.20400	-2.52690
-3.894	4.232	.79980	1231.01540	1876.09990	551.20900	100.30000	3.49310	-.03830	.20410	-4.96980
-3.633	6.190	.79990	1232.09810	1877.89990	551.80470	100.30000	3.49660	-.03830	.20400	-6.63240
	GRADIENT	-.00005	-.05212	-.16611	-.08746	.02395	-.00060	-.00000	.00001	.01387

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M054) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2046/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.113	-6.239	.79960	1232.79810	1878.39990	551.69870	100.40000	3.49610	-.03820	.20410	-6.13230
-.206	-4.377	.80010	1230.21780	1875.39990	551.23340	100.30000	3.49240	-.03830	.20400	-4.28140
-.209	-.126	.79980	1232.59230	1878.59990	551.98660	100.20000	3.49860	-.03830	.20400	-.05870
-.139	3.638	.79960	1233.19260	1879.00000	551.87430	100.20000	3.49880	-.03820	.20410	3.68090
-.037	5.702	.80010	1232.88091	1879.50000	552.45650	100.30000	3.50010	-.03830	.20400	5.73520
	GRADIENT	-.00006	.37518	.45569	.08205	-.01271	.00081	.00001	.00001	.99342

RUN NO. 2047/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.190	-5.718	.80000	1231.20779	1876.70000	551.52220	100.40000	3.49370	-.03830	.20400	6.81120
3.866	-3.712	.79970	1231.21460	1876.29980	551.22140	100.40000	3.49250	-.03830	.20410	5.14840
4.105	.196	.79990	1231.30710	1876.79980	551.52860	100.30000	3.49470	-.03830	.20400	4.05150
3.787	4.025	.80000	1231.60080	1877.39990	551.77290	100.20000	3.49680	-.03830	.20400	5.33880
4.041	6.026	.80010	1231.10500	1876.79980	551.66600	100.20000	3.49580	-.03830	.20400	7.01530
	GRADIENT	.00004	.04983	.14214	.07131	-.02585	.00056	.00000	-.00001	.02356

RUN NO. 2048/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.175	-5.705	.79980	1231.90260	1877.50000	551.64160	100.10000	3.49730	-.03830	.20400	7.88410
6.078	-3.742	.79990	1231.10969	1876.50000	551.44070	100.20000	3.49490	-.03830	.20400	6.63990
6.029	.206	.80000	1231.40331	1877.09990	551.68510	100.30000	3.49540	-.03830	.20400	5.59330
5.630	4.012	.80000	1231.50121	1877.29980	551.76660	100.10000	3.49740	-.03830	.20400	6.49210
5.861	5.973	.79990	1231.90089	1877.59990	551.71680	100.20000	3.49680	-.03830	.20400	7.90100
	GRADIENT	.00001	.05061	.10344	.04215	-.01266	.00032	.00000	-.00000	-.02068

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M055) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2039/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.306	-5.942	.89970	1059.65970	1791.70000	600.47920	99.40000	3.52180	-.05170	.20010	-8.30710
-8.284	-3.871	.90040	1053.43950	1782.39990	597.79080	99.30000	3.50520	-.05180	.20010	-6.97030
-8.270	.360	.89950	1061.14400	1793.70000	600.97020	99.40000	3.52530	-.05170	.20010	-5.70990
-7.957	4.248	.89980	1051.87920	1778.70000	596.17720	99.50000	3.49550	-.05180	.20010	-6.97330
-7.731	6.217	.89980	1050.20480	1775.89990	595.24980	99.30000	3.49170	-.05180	.20010	-8.20620
	GRADIENT	-.00008	-.16263	-.40983	-.18480	.02462	-.00111	.00000	-.00000	.00401

RUN NO. 2041/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.026	-6.242	.89980	1058.27950	1789.50000	599.78910	99.70000	3.51510	-.05180	.20010	-6.73970
-4.450	-4.067	.89990	1056.20900	1786.20000	598.75390	99.60000	3.50960	-.05180	.20010	-4.99610
-4.041	.192	.90010	1052.75810	1780.70000	597.02830	99.50000	3.49990	-.05180	.20010	-2.41680
-3.939	4.262	.89980	1053.55490	1781.39990	597.03520	99.50000	3.50070	-.05180	.20010	-4.94760
-3.627	6.204	.90000	1054.82710	1784.09990	598.13330	99.50000	3.50650	-.05180	.20010	-6.58830
	GRADIENT	-.00001	-.32248	-.58187	-.20790	-.01210	-.00108	.00000	-.00000	.01046

RUN NO. 2042/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.145	-6.387	.89990	1056.50560	1786.59990	598.85210	99.50000	3.51110	-.05180	.20010	-6.26200
-.174	-4.385	.90000	1055.91060	1785.89990	598.72510	99.50000	3.51000	-.05180	.20010	-4.27280
-.219	-.168	.89970	1056.01880	1785.39990	598.31710	99.60000	3.50770	-.05180	.20010	-.08670
-.131	3.663	.90040	1054.22749	1783.70000	598.21510	99.50000	3.50620	-.05180	.20010	3.71640
-.033	5.711	.89970	1054.24660	1782.39990	597.31050	99.50000	3.50260	-.05180	.20010	5.75280
	GRADIENT	.00005	-.20520	-.27076	-.06393	.00040	-.00047	00000	-.00000	.99271

RUN NO. 2043/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.264	-5.706	.89980	1054.34160	1782.79980	597.52880	99.50000	3.50350	-.05180	.20010	6.80900
3.857	-3.699	.89970	1054.24510	1782.50000	597.38010	99.70000	3.50130	-.05180	.20010	5.10140
4.037	.191	.89990	1053.45120	1781.59990	597.23440	99.20000	3.50380	-.05180	.20010	3.95540
3.803	4.000	.90020	1053.44530	1782.00000	597.51270	99.20000	3.50500	-.05180	.20010	5.30050
4.065	6.012	.89980	1053.15871	1780.89990	596.92750	99.10000	3.50310	-.05180	.20010	6.98520
	GRADIENT	.00006	-.10424	-.06553	.01703	-.06517	.00049	.00000	.00000	.02473

1A105A, AEDC PWT-TF470, O T S WO/SILTS (U8M056) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2027/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.147	-6.016	.94970	979.10690	1749.59990	618.22510	100.40000	3.49770	-.05540	.19770	-8.21120
-8.365	-3.889	.95020	977.02950	1746.79980	617.51590	100.50000	3.49190	-.05540	.19770	-6.93320
-8.224	.354	.95000	975.26490	1743.20000	616.10670	100.60000	3.48360	-.05540	.19770	-5.58910
-7.976	4.238	.94960	976.35790	1744.29980	616.23320	100.50000	3.48610	-.05540	.19770	-6.90920
-7.757	6.243	.94990	977.13670	1746.29980	617.12670	100.50000	3.49050	-.05540	.19770	-8.17620
	GRADIENT	-.00007	-.08777	-.31596	-.16053	.00036	-.00073	-.00000	-.00000	.00779

RUN NO. 2028/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.262	-6.120	.95030	979.38920	1751.09990	619.06080	100.70000	3.49890	-.05540	.19770	-6.67750
-4.433	-4.086	.95020	980.07930	1752.20000	619.40870	100.50000	3.50270	-.05540	.19770	-4.97280
-4.072	.188	.94970	977.24020	1746.09990	616.93770	100.60000	3.48900	-.05540	.19770	-2.40400
-3.955	4.263	.94980	977.23630	1746.39990	617.13820	100.70000	3.48900	-.05540	.19770	-4.93340
-3.643	6.230	.94940	977.93460	1746.89990	617.08520	100.60000	3.49040	-.05540	.19770	-6.59630
	GRADIENT	-.00005	-.34317	-.70069	-.27445	.02395	-.00165	.00000	-.00000	.00956

RUN NO. 2029/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.092	-6.391	.95030	978.50150	1749.70000	618.62330	100.70000	3.49620	-.05540	.19770	-6.25690
-.119	-4.389	.94940	979.50980	1749.59990	618.00390	100.60000	3.49570	-.05540	.19770	-4.26970
-.159	-.182	.94970	976.74730	1745.29980	616.67990	100.50000	3.48830	-.05540	.19770	-.09820
-.062	3.664	.94960	975.17750	1742.20000	615.49390	100.70000	3.48030	-.05540	.19770	3.71810
.055	5.715	.94960	977.04420	1745.70000	616.78130	100.70000	3.48740	-.05540	.19770	5.75610
	GRADIENT	.00003	-.53981	-.92049	-.31173	.01185	-.00191	.00000	-.00000	.99187

RUN NO. 2030/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.192	-5.697	.94950	979.01420	1749.00000	617.87960	100.60000	3.49470	-.05540	.19770	6.74220
4.147	-3.750	.94980	980.38400	1752.00000	619.10940	100.50000	3.50130	-.05540	.19770	5.26210
4.085	.190	.95010	980.17870	1752.29980	619.42020	100.40000	3.50360	-.05540	.19770	3.95750
3.784	4.004	.94980	976.15500	1744.39990	616.41040	100.40000	3.48740	-.05540	.19770	5.27310
4.068	5.982	.94980	975.85960	1743.89990	616.24240	100.40000	3.48640	-.05540	.19770	6.94610
	GRADIENT	.00000	-.54272	-.97441	-.34576	-.01297	-.00184	-.00000	-.00000	-.00041

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (U8M057) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2031/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.266	-6.073	1.04960	850.20360	1706.89990	655.67360	99.50000	3.51220	-.06080	.19440	-8.12220
-8.339	-3.928	1.04980	848.43240	1703.79980	654.58470	99.30000	3.50760	-.06080	.19440	-6.72370
-8.269	.353	1.05050	847.63350	1703.50000	654.76070	99.30000	3.50740	-.06090	.19440	-5.37950
-7.977	4.277	1.04980	849.70970	1706.20000	655.46970	99.30000	3.51250	-.06080	.19440	-6.72570
-7.714	6.297	1.05050	849.00610	1706.39990	655.90700	99.10000	3.51510	-.06090	.19440	-8.01320
	GRADIENT	.00000	.15052	.28707	.10686	.00000	.00059	-.00000	-.00000	.00450

RUN NO. 2032/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.219	-6.171	1.04950	849.12740	1704.39990	654.63720	99.90000	3.50370	-.06080	.19440	-6.64950
-4.416	-4.116	1.04990	849.21610	1705.50000	655.26610	99.80000	3.50710	-.06080	.19440	-4.92740
-4.072	.188	1.04900	851.88620	1708.89990	656.13330	100.10000	3.51090	-.06080	.19450	-2.32690
-3.964	4.277	1.04900	848.25420	1701.70000	653.38820	99.90000	3.49780	-.06080	.19450	-4.88600
-3.575	6.246	1.04890	848.64870	1702.29980	653.57540	100.10000	3.49730	-.06080	.19450	-6.53510
	GRADIENT	-.00011	-.10815	-.44185	-.22001	.01242	-.00109	-.00000	.00001	.01019

RUN NO. 2033/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.043	-6.406	1.04920	849.33010	1704.20000	654.42460	100.00000	3.50220	-.06080	.19450	-6.25790
-.015	-4.402	1.04900	850.21630	1705.70000	654.93820	100.10000	3.50440	-.06080	.19450	-4.27280
-.040	-.183	1.05000	849.70560	1706.59990	655.71480	100.10000	3.50690	-.06080	.19440	-.09240
.061	3.642	1.04970	847.25830	1701.09990	653.47090	100.10000	3.49540	-.06090	.19440	3.70030
.207	5.712	1.05110	844.08690	1697.70000	652.82740	99.80000	3.49190	-.06090	.19440	5.75390
	GRADIENT	.00009	-.36351	-.55845	-.17615	-.00000	-.00109	-.00001	-.00001	.99116

RUN NO. 2034/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.210	-5.668	1.05130	847.71480	1705.29980	655.81740	100.00000	3.50600	-.06090	.19440	6.67880
3.875	-3.685	1.04940	850.40410	1706.89990	655.58350	99.90000	3.50630	-.06080	.19440	5.00520
4.009	.194	1.04970	849.31840	1705.29980	655.09860	100.10000	3.50410	-.06080	.19440	3.77300
3.860	3.982	1.05010	848.03470	1703.50000	654.58110	100.10000	3.50060	-.06090	.19440	5.21620
4.096	5.967	1.05030	848.91210	1705.79980	655.58470	100.10000	3.50550	-.06090	.19440	6.87810
	GRADIENT	.00009	-.30891	-.44330	-.13072	.02619	-.00107	-.00001	.00000	.02614

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2035/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.336	-6.048	1.09950	792.59810	1691.20000	670.68750	100.40000	3.50110	-.06320	.19440	-8.07920
-8.311	-3.951	1.09710	792.93750	1687.00000	668.10620	100.40000	3.49130	-.06310	.19440	-8.66750
-8.272	.351	1.09940	790.24630	1686.09990	668.64390	100.40000	3.49050	-.06320	.19440	-5.31390
-7.967	4.287	1.10010	788.86080	1684.59990	668.32470	100.40000	3.48780	-.06320	.19440	-6.70760
-7.688	6.298	1.10030	793.75780	1695.50000	672.73100	100.40000	3.51040	-.06320	.19440	-7.98130
	GRADIENT	.00037	-.49688	-.29007	.02807	.00000	-.00042	-.00001	-.00000	.00008

RUN NO. 2036/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.177	-6.174	1.10030	788.27030	1683.59990	667.97630	100.30000	3.48660	-.06320	.19440	-6.62540
-4.425	-4.126	1.09970	791.22190	1688.70000	669.77710	100.30000	3.49690	-.06320	.19440	-4.91630
-4.077	.184	1.09960	791.22290	1688.59990	669.71850	100.30000	3.49660	-.06320	.19440	-2.31560
-3.994	4.299	1.10000	789.15700	1685.00000	668.44040	100.20000	3.49020	-.06320	.19440	-4.91530
-3.549	6.262	1.10040	789.15040	1685.70000	668.85010	100.40000	3.49010	-.06330	.19440	-6.54510
	GRADIENT	.00004	-.24315	-.43588	-.15751	-.01178	-.00079	.00000	.00000	.00489

RUN NO. 2037/ 0 PN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.109	-6.317	1.09540	790.73780	1687.00000	668.97920	100.30000	3.49320	-.06320	.19440	-6.17250
-.018	-4.403	1.10050	790.52030	1688.89990	670.17040	100.40000	3.49680	-.06320	.19440	-4.27630
-.055	-.166	1.09900	792.90110	1690.89990	670.39310	100.40000	3.50030	-.06320	.19440	-.07540
.034	3.591	1.09980	790.33720	1687.09990	669.19580	100.30000	3.49360	-.06320	.19440	3.65070
.139	5.694	1.10010	790.33250	1687.59990	669.48850	100.30000	3.49480	-.06320	.19440	5.73740
	GRADIENT	-.00009	-.01052	-.21042	-.11823	-.01225	-.00037	.00000	.00000	.99167

RUN NO. 2038/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.230	-5.670	1.09870	793.20090	1690.89990	670.27420	100.30000	3.50100	-.06320	.19440	6.68540
3.900	-3.670	1.09950	790.73510	1687.29980	669.15480	100.40000	3.49310	-.06320	.19440	4.98010
4.089	.190	1.09990	791.51250	1689.70000	670.24390	100.50000	3.49740	-.06320	.19440	3.82260
3.786	3.977	1.09920	792.70090	1690.89990	670.47220	100.40000	3.50040	-.06320	.19440	5.17460
4.089	5.939	1.09970	790.63430	1687.39990	669.25290	100.30000	3.49420	-.06320	.19440	6.86250
	GRADIENT	-.00004	.25692	.47132	.17265	.00008	.00096	-.00000	.00000	.02439

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -7.000

RUN NO. 1674/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.230	-6.098	1.40060	535.18800	1704.59990	734.92770	98.70000	3.51620	-.08540	.24570	-7.91610
-8.179	-4.011	1.40230	532.54080	1700.09990	733.00980	99.60000	3.49840	-.08570	.24630	-6.44150
-8.109	.227	1.40400	532.42680	1703.79980	734.62500	99.70000	3.50430	-.08600	.24700	-4.97570
-7.994	4.337	1.39930	536.07760	1704.29980	734.77860	99.70000	3.50790	-.08510	.24520	-6.52990
-7.678	6.351	1.39990	535.68240	1704.39990	734.83060	99.50000	3.50950	-.08520	.24540	-7.84610
	GRADIENT	-.00036	.42132	.50503	.21276	.01204	.00114	.00007	-.00013	-.00873

RUN NO. 1675/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.264	-6.178	1.40410	532.91210	1705.79980	735.48930	99.50000	3.51000	-.08600	.24710	-6.56100
-4.427	-4.151	1.40430	532.13090	1703.70000	734.58570	99.50000	3.50550	-.08610	.24710	-4.83930
-4.140	.232	1.40060	534.70090	1703.00000	734.23750	99.50000	3.50620	-.08540	.24570	-2.22010
-4.022	4.350	1.39880	537.15480	1706.50000	735.71900	99.50000	3.51440	-.08500	.24500	-4.87260
-3.604	6.296	1.40220	533.80860	1703.89990	734.64700	99.60000	3.50630	-.08560	.24630	-6.51280
	GRADIENT	-.00065	.59094	.32417	.13105	.00000	.00104	.00013	-.00025	.00249

RUN NO. 1676/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.173	-6.387	1.40300	533.70290	1705.59990	735.39010	99.60000	3.50930	-.08580	.24660	-6.21150
-.231	-4.254	1.40490	531.05350	1701.59990	733.68580	99.30000	3.50260	-.08620	.24730	-4.10020
-.232	-.226	1.39960	534.41820	1699.70000	732.79980	99.30000	3.50160	.08520	.24530	-.11260
-.175	3.644	1.40460	533.00460	1707.29980	736.14140	99.40000	3.51360	-.08620	.24730	3.71930
-.101	5.696	1.39870	533.54980	1694.79980	730.67310	99.30000	3.49200	-.08500	.24500	5.74970
	GRADIENT	-.00005	.25103	.71353	.30729	.01257	.00138	.00000	-.00000	.99001

RUN NO. 1677/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.242	-5.599	1.40170	534.49560	1704.89990	735.07150	99.50000	3.50950	-.08560	.24610	6.64670
4.115	-3.633	1.40210	534.29690	1705.20000	735.20610	99.60000	3.50910	-.08570	.24630	5.10920
3.996	.250	1.40190	533.71360	1703.00000	734.25960	99.40000	3.50630	-.08560	.24620	3.77270
3.701	3.982	1.40220	533.51610	1703.00000	734.25900	99.40000	3.50610	-.08570	.24630	5.16170
3.778	5.862	1.40280	532.92580	1702.50000	734.05050	99.40000	3.50480	-.08580	.24650	6.69010
	GRADIENT	.00001	-.10286	-.29079	-.12519	-.02644	-.00040	.00000	-.00000	.00453

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (U8M060) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = -7.000

RUN NO. 1678/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.452	-6.078	1.55080	404.08910	1597.39990	680.27540	99.90000	3.18340	-.14940	.32450	-8.10700
-8.480	-3.893	1.54820	409.86230	1614.09990	687.69780	100.20000	3.21650	-.14750	.32280	-6.66630
-8.201	.305	1.55360	404.06030	1603.79980	682.66380	100.00000	3.19310	-.15170	.32640	-5.16950
-7.988	4.430	1.54930	407.51370	1607.39990	684.71410	100.00000	3.20380	-.14830	.32350	-6.66430
-7.688	6.424	1.54930	406.73410	1604.39990	683.43240	100.00000	3.19780	-.14830	.32350	-7.96110
	GRADIENT	.00014	-.28543	-.80984	-.36096	-.02410	-.00154	-.00010	.00009	.00130

RUN NO. 1679/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.430	-6.161	1.55170	405.54130	1605.20000	683.49120	100.00000	3.19740	-.15010	.32510	-6.60410
-4.582	-4.128	1.55310	404.35790	1603.79980	682.72510	100.10000	3.19270	-.15120	.32610	-4.88480
-4.224	.309	1.54700	406.85550	1599.39990	681.57810	100.00000	3.18970	-.14660	.32190	-2.27700
-3.960	4.427	1.54680	407.05200	1599.79980	681.76730	99.90000	3.19140	-.14640	.32180	-4.87360
-3.585	6.379	1.54960	408.38700	1611.59990	686.46480	99.90000	3.21270	-.14860	.32370	-6.54390
	GRADIENT	-.00074	.31812	-.47433	-.11385	-.02337	-.00016	.00057	-.00051	.00887

RUN NO. 1680/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.293	-6.471	1.54910	404.69070	1595.89990	679.83400	99.80000	3.18250	-.14810	.32340	-6.24270
-.376	-4.288	1.55050	404.87130	1599.79960	681.33300	99.80000	3.18920	-.14920	.32430	-4.07640
-.387	-.290	1.55370	402.98780	1599.79980	680.94780	99.90000	3.18580	-.15170	.32650	-.10990
-.353	3.583	1.55010	406.72610	1606.20000	684.10600	100.10000	3.19990	-.14890	.32400	3.72740
-.308	5.620	1.54960	405.95190	1602.00000	682.37520	99.90000	3.19350	-.14860	.32370	5.74530
	GRADIENT	-.00005	.23187	.80882	.34992	.03805	.00135	.00003	-.00003	.99152

RUN NO. 1681/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.266	-5.519	1.55100	405.25540	1602.59990	682.45970	100.00000	3.19280	-.14960	.32470	6.73910
4.143	-3.545	1.54660	407.44430	1600.70000	682.18290	99.90000	3.19340	-.14620	.32160	5.22840
3.907	.324	1.54680	407.92870	1603.20000	683.21850	99.80000	3.19900	-.14640	.32180	3.90270
3.577	4.004	1.54990	406.24170	1603.70000	683.07100	99.80000	3.19750	-.14870	.32390	5.26020
3.658	5.877	1.55080	405.35500	1602.50000	682.44240	99.70000	3.19500	-.14950	.32450	6.78140
	GRADIENT	.00043	-.15686	.39954	.11893	-.01335	.00055	-.00033	.00030	.00123

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M061) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1655/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.254	-6.100	1.15320	737.35910	1683.29980	686.40500	99.20000	3.51340	-.06570	.19630	-8.06100
-8.348	-3.982	1.14730	738.53540	1673.39990	680.50200	99.00000	3.49290	-.06540	.19600	-6.69840
-8.107	.165	1.15270	737.66060	1683.00000	686.13750	98.80000	3.51600	-.06560	.19630	-5.17050
-8.046	4.309	1.14810	738.91330	1676.00000	68. 82200	99.20000	3.49690	-.06540	.19600	-6.72450
-7.715	6.307	1.15230	738.06010	1682.89990	685.94780	99.50000	3.50990	-.06560	.19620	-7.96410
	GRADIENT	.00010	.04555	.31388	.15957	.02411	.00048	-.00000	.00000	-.00310

RUN NO. 1656/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.186	-6.183	1.14910	740.26730	1681.20000	684.25680	99.50000	3.50560	-.06550	.19610	-6.62620
-4.206	-4.121	1.15060	738.08810	1679.39990	683.99410	99.50000	3.50220	-.06560	.19620	-4.81200
-4.130	.183	1.14890	739.09640	1678.00000	682.87350	99.50000	3.49880	-.06550	.19610	-2.33900
-4.016	4.427	1.14960	738.59470	1678.39990	683.26660	99.50000	3.49990	-.06550	.19610	-5.01100
-3.621	6.308	1.15060	737.59940	1678.20000	683.49240	99.40000	3.50050	-.06550	.19610	-6.58000
	GRADIENT	-.00012	.05968	-.11747	-.08551	.00000	-.00027	.00001	-.00001	-.02187

RUN NO. 1657/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.036	-6.370	1.15160	738.95260	1683.50000	685.98050	99.50000	3.51100	-.06560	.19620	-6.22360
-.059	-4.238	1.15190	736.69480	1679.09990	684.29760	99.50000	3.50190	-.06560	.19620	-4.11090
-.082	-.200	1.14800	739.20920	1676.39990	681.94410	99.60000	3.49450	-.06540	.19600	-.10890
-.010	3.680	1.15030	737.50610	1677.39990	683.07930	99.50000	3.49790	-.06550	.19610	3.73710
.128	5.704	1.14940	738.59790	1678.00000	683.04300	99.70000	3.49730	-.06540	.19610	5.74420
	GRADIENT	-.00021	.10597	-.21776	-.15675	.00017	-.00051	.00001	-.00001	.99113

RUN NO. 1658/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.174	-5.596	1.14790	739.50510	1676.79980	682.06590	99.60000	3.49530	-.06540	.19600	6.60670
3.942	-3.686	1.15070	738.86990	1681.39990	684.84180	99.70000	3.50480	-.06550	.19620	5.02840
4.051	.201	1.15270	737.07370	1681.59990	685.55760	99.60000	3.50650	-.06560	.19630	3.78450
3.760	3.950	1.15090	737.49490	1678.79980	683.86130	99.60000	3.50020	-.06550	.19620	5.14530
3.845	5.843	1.15330	737.45560	1683.70000	686.59450	99.70000	3.51020	-.06570	.19630	6.67790
	GRADIENT	.00003	-.18178	-.33810	-.12649	-.01317	-.00060	-.00000	.00000	.01326

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M062) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1659/ 0 RN/L = 3.50 . GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.355	-6.114	1.25310	645.31710	1678.39990	709.27860	100.10000	3.50140	-.07040	.20680	-8.06800
-8.393	-3.991	1.24770	649.00170	1676.00000	707.25880	99.90000	3.49870	-.07010	.20600	-6.64730
-8.285	.352	1.25030	646.91600	1676.39990	707.92040	100.00000	3.49840	-.07030	.20640	-5.23810
-7.963	4.322	1.24800	647.92290	1673.89990	706.43140	99.80000	3.49510	-.07010	.20600	-6.62620
-7.770	6.331	1.25200	645.62400	1676.79980	708.40360	100.10000	3.49820	-.07030	.20660	-7.94310
	GRADIENT	.00004	-.13525	-.24724	-.09559	-.01148	-.00043	-.00000	.00000	.00757

RUN NO. 1660/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.000	-6.139	1.25140	647.29320	1679.70000	709.50900	100.30000	3.50270	-.07030	.20650	-6.52180
-4.189	-4.122	1.25050	646.32790	1675.20000	707.44120	100.40000	3.49260	-.07030	.20640	-4.79890
-4.110	-.193	1.24960	647.51120	1676.39990	707.79030	100.60000	3.49350	-.07020	.20630	-2.30650
-4.001	4.322	1.25210	646.59960	1679.59990	709.60890	100.50000	3.50080	-.07030	.20670	-4.89380
-3.602	6.279	1.25010	646.33250	1674.39990	707.03470	100.60000	3.48930	-.07020	.20630	-6.53390
	GRADIENT	.00019	.03399	.51928	.25542	.01210	.00097	.00000	.00004	-.00684

RUN NO. 1661/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.025	-6.379	1.25030	648.08910	1679.29980	709.13330	100.40000	3.50120	-.07020	.20640	-6.22660
-.047	-4.225	1.25060	646.13010	1675.09990	707.43360	100.40000	3.49240	-.07030	.20640	-4.09260
-.043	-.195	1.24910	647.41970	1675.09990	707.15110	100.40000	3.49250	-.07020	.20620	-.09930
.025	3.675	1.24980	646.43480	1673.89990	706.75900	100.20000	3.49160	-.07020	.20630	3.73500
.115	5.695	1.25180	646.60300	1679.00000	709.30470	99.30000	3.50940	-.07040	.20660	5.73760
	GRADIENT	-.00010	.04051	-.15087	-.08530	-.02514	-.00010	.00001	-.00001	.99094

RUN NO. 1662/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.209	-5.620	1.24630	650.19340	1675.79980	706.89210	99.90000	3.49840	-.07000	.20580	6.63780
4.121	-3.662	1.24960	647.80400	1677.20000	708.13160	99.80300	3.50130	-.07020	.20630	5.11250
4.027	.207	1.25100	647.00510	1678.09990	708.76200	99.90000	3.50270	-.07030	.20650	3.74950
3.750	3.954	1.24870	647.23020	1673.59990	706.43210	100.10000	3.49190	-.07020	.20610	5.13110
4.035	5.923	1.25090	646.02910	1675.39990	707.60740	100.40000	3.49300	-.07030	.20650	6.62370
	GRADIENT	-.00012	-.07604	-.46883	-.22103	.03931	-.00129	-.00000	-.00003	.00052

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M063) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1663/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.206	-6.105	1.40150	533.03520	1699.89990	732.91380	99.50000	3.49930	-.08550	.24610	-7.91310
-8.216	-4.012	1.40180	534.00680	1703.70000	734.55620	99.50000	3.50690	-.08560	.24620	-6.47570
-8.102	.235	1.40390	532.71920	1704.70000	735.01290	99.50000	3.50780	-.08600	.24700	-4.98980
-7.975	4.349	1.40300	532.43580	1701.59990	733.66580	99.40000	3.50280	-.08580	.24660	-6.53990
-7.711	6.342	1.40340	534.38160	1708.59990	736.68770	99.40000	3.51700	-.08590	.24680	-7.84810
	GRADIENT	.00015	-.18852	-.24859	-.10556	-.01190	-.00049	-.00002	.00005	-.00577

RUN NO. 1664/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.221	-6.158	1.39640	533.18210	1688.20000	727.78760	99.20000	3.48050	-.08460	.24410	-6.54590
-4.220	-4.105	1.40020	534.41210	1701.20000	733.45610	99.40000	3.50350	-.08530	.24560	-4.73420
-4.139	.229	1.40100	532.55250	1697.20000	731.74320	99.30000	3.49570	-.08550	.24590	-2.23490
-4.024	4.349	1.39870	533.16020	1693.50000	730.11210	99.20000	3.49020	-.08500	.24500	-4.87770
-3.810	6.381	1.39920	532.47290	1692.59990	729.73290	99.30000	3.48720	-.08510	.24520	-6.64520
	GRADIENT	-.00017	-.15052	-.91092	-.39555	-.02365	-.00158	.00003	-.00007	-.01182

RUN NO. 1665/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.146	-6.272	1.40120	535.28000	1706.20000	735.62520	99.50000	3.51250	-.08550	.24590	-6.09900
-.225	-4.320	1.40360	533.01460	1704.89990	735.09570	99.50000	3.50840	-.08600	.24690	-4.16560
-.201	-.243	1.40170	532.74150	1699.29980	732.65700	99.50000	3.49800	-.08550	.24610	-.12950
-.149	3.637	1.40390	532.23220	1703.09990	734.32280	99.40000	3.50540	-.08600	.24700	3.71230
-.063	5.688	1.40350	533.21090	1705.29000	735.22340	99.50000	3.50910	-.08590	.24680	5.74310
	GRADIENT	.00003	-.09807	-.23592	-.10137	-.01246	-.00040	.00000	.00001	.99008

RUN NO. 1666/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.235	-5.605	1.40180	532.74020	1699.59990	732.78810	99.30000	3.50020	-.08560	.24620	6.64900
3.901	-3.608	1.40020	533.73000	1699.00000	732.50760	99.40000	3.49990	-.08530	.24560	4.96510
4.004	.249	1.40360	533.30710	1705.79980	735.48340	99.40000	3.51110	-.08600	.24690	3.75650
3.702	3.976	1.40040	535.28710	1704.50000	734.88210	99.40000	3.51020	-.08530	.24560	5.14640
3.981	5.936	1.40090	534.01540	1701.59990	733.63870	99.50000	3.50310	-.08540	.24580	6.83150
	GRADIENT	.00003	.20349	.73123	.31575	.00000	.00149	-.00000	.00000	.02195

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M064) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1667/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.455	-6.061	1.54710	408.51050	1606.09990	684.42360	100.20000	3.20150	-.14660	.32200	-8.09600
-8.484	-3.898	1.54880	407.81150	1607.29980	684.73610	100.20000	3.20250	-.14790	.32310	-6.67030
-8.370	.465	1.55070	406.72000	1607.59990	684.62940	100.20000	3.20150	-.14940	.32450	-5.32380
-7.980	4.431	1.54720	408.41140	1606.09990	684.40410	100.10000	3.20210	-.14670	.32210	-6.66930
-7.715	6.435	1.55160	406.90550	1610.39990	685.71580	100.10000	3.20710	-.15010	.32510	-7.97210
	GRADIENT	-.00018	.06667	-.14054	-.03961	-.01181	-.00005	.00014	-.00011	.00526

RUN NO. 1668/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.415	-6.202	1.54850	406.74320	1602.39990	682.68360	100.10000	3.19370	-.14770	.32290	-6.64520
-4.363	-4.097	1.54960	407.99760	1610.00000	685.78660	100.30000	3.20640	-.14850	.32370	-4.78570
-4.223	.314	1.55080	406.42700	1606.59990	684.19560	100.20000	3.19940	-.14940	.32450	-2.28340
-3.978	4.437	1.54870	406.44800	1601.89990	682.43700	100.10000	3.19250	-.14790	.32310	-4.89180
-3.571	6.363	1.54840	406.25630	1600.39990	681.83570	100.10000	3.18980	-.14760	.32290	-6.53090
	GRADIENT	-.00010	-.18361	-.94705	-.39212	-.02343	-.00163	.00007	-.00007	-.00568

RUN NO. 1669/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.286	-6.472	1.54940	407.70700	1608.50000	685.16580	100.10000	3.20510	-.14840	.32360	-6.24370
-.349	-4.291	1.55010	406.04440	1603.50000	682.95630	100.20000	3.19380	-.14890	.32400	-4.08040
-.376	-.291	1.55360	403.28130	1600.70000	681.34470	100.10000	3.18610	-.15170	.32640	-.11040
-.335	3.582	1.54940	407.41550	1607.20000	684.61940	100.10000	3.20250	-.14830	.32360	3.72630
-.275	5.623	1.55430	403.66280	1604.00000	682.65600	100.10000	3.19210	-.15220	.32690	5.75300
	GRADIENT	-.00008	.16939	.46352	.20786	-.01277	.00109	.00007	-.00005	.99156

RUN NO. 1670/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.256	-5.527	1.55110	405.05980	1602.00000	682.19530	100.20000	3.19000	-.14970	.32470	6.73680
4.146	-3.542	1.55320	404.16140	1603.39990	682.53520	100.10000	3.19180	-.15130	.32620	5.22730
3.907	.325	1.54860	408.10520	1608.09990	685.09500	100.20000	3.20420	-.14770	.32300	3.88540
3.609	3.994	1.55040	406.43040	1605.79980	683.89650	100.20000	3.19810	-.14920	.32430	5.26240
3.659	5.861	1.55060	405.74710	1603.50000	682.89650	100.20000	3.19340	-.14930	.32440	6.75910
	GRADIENT	-.00038	.30750	.32647	.18494	.01338	.00086	.00028	-.00026	.00151

IA105A, AEDC PWT-TF470, O T S WO/SILTS

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1818/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-7.997	-7.907	.60260	1740.89011	2225.09991	442.55740	98.90000	3.50120	.07340	.19670	-10.13350
-8.097	-3.863	.59860	1757.76511	2239.50000	440.82420	99.00000	3.50630	.07810	.19620	-7.39220
-8.136	.293	.60030	1756.71220	2241.20001	443.11740	99.10000	3.51530	.07610	.19640	-6.23910
-7.655	4.198	.59890	1756.16820	2238.09991	440.95750	99.20000	3.50400	.07770	.19620	-7.29210
-7.611	8.082	.59870	1754.49319	2235.59991	440.22970	99.00000	3.50090	.07790	.19620	-10.07160
	GRADIENT	.00004	-.19868	-.16748	.02223	.02480	-.00026	-.00005	.00000	.01524

RUN NO. 1819/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.128	-8.002	.59920	1753.88110	2235.70001	440.81620	99.00000	3.50310	.07730	.19630	-8.63300
-4.149	-3.936	.60020	1752.85600	2236.09991	441.99340	99.00000	3.50770	.07620	.19640	-5.01850
-3.976	.187	.59940	1753.47850	2235.50000	440.97800	99.00000	3.50350	.07710	.19630	-2.68400
-3.866	4.160	.59970	1752.67599	2235.00000	441.21630	98.90000	3.50470	.07680	.19630	-5.08210
-3.795	8.180	.59890	1753.09959	2234.20001	440.19600	98.90000	3.50030	.07770	.19620	-8.69990
	GRADIENT	-.00006	-.02114	-.13593	-.09694	-.01227	-.00037	.00008	-.00001	-.00423

RUN NO. 1820/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.132	-8.135	.59900	1752.99800	2234.20001	440.27930	98.70000	3.50220	.07760	.19620	-8.14440
-.262	-4.266	.59980	1752.07640	2234.50000	441.28760	98.80000	3.50540	.07660	.19630	-4.29270
-.239	-.044	.60030	1751.56619	2234.59991	441.79030	98.80000	3.50730	.07610	.19640	-.09180
-.209	3.799	.60200	1749.32520	2234.79980	443.79420	98.80000	3.51470	.07410	.19660	3.73400
-.116	7.831	.59740	1753.35210	2231.89990	438.05370	98.80000	3.49140	.07950	.19600	7.74180
	GRADIENT	.00027	-.33748	.03695	.30762	-.00000	.00114	-.00031	.00004	.99514

RUN NO. 1821/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.493	-7.716	.59860	1761.03081	2243.70001	441.67650	100.40000	3.50180	.07810	.19620	8.66070
4.175	-3.823	.59990	1758.60770	2242.89990	442.99190	100.60000	3.50430	.07660	.19630	5.50970
4.137	.194	.59980	1757.91721	2241.89990	442.71750	100.70000	3.50170	.07670	.19630	4.24060
3.839	4.102	.60070	1755.01590	2239.70001	443.24760	99.40000	3.51210	.07570	.19640	5.52170
3.877	7.972	.60160	1753.79370	2239.79980	444.33280	98.90000	3.52020	.07460	.19660	8.66300
	GRADIENT	.00010	-.45191	-.40305	.03180	-.15060	.00098	-.00011	.00001	.00005

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M065) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1822/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
8.267	-7.802	.60090	1754.70869	2239.79980	443.58330	99.00000	3.51660	.07530	.19650	10.75710
8.147	-3.761	.60110	1756.97881	2243.00000	444.41110	99.80000	3.51590	.07510	.19650	8.40350
7.810	.155	.60020	1743.25369	2223.89990	439.61330	100.10000	3.47990	.07620	.19640	7.37090
8.108	4.134	.60020	1736.82201	2215.59991	437.91190	100.30000	3.46510	.07620	.19640	8.57160
7.942	8.013	.60040	1748.78979	2231.29980	441.29320	100.40000	3.48990	.07600	.19640	10.71250
	GRADIENT	-.00011	-2.55039	-3.46657	-.82208	.06329	-.00643	.00014	-.00001	.02207

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M066) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1823/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.294	-5.985	.79980	1234.46950	1881.29980	552.70830	99.50000	3.50910	-.03830	.20410	-8.49410
-8.373	-3.871	.80020	1233.56880	1880.70000	552.87650	99.40000	3.50970	-.03830	.20400	-7.17290
-8.265	.357	.80060	1233.06300	1880.70000	553.22050	99.50000	3.50980	-.03840	.20400	-5.87710
-8.008	4.239	.80090	1232.36301	1880.20000	553.32620	99.20000	3.51200	-.03850	.20400	-7.14790
-7.779	6.258	.80060	1233.06300	1880.70000	553.22050	99.20000	3.51220	-.03840	.20400	-8.39520
	GRADIENT	.00009	-.14824	-.06074	.05583	-.02394	.00028	-.00002	-.00000	.00758

RUN NO. 1824/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.280	-6.114	.80290	1227.17239	1876.00000	553.74410	99.20000	3.50840	-.03890	.20400	-6.75600
-4.432	-4.057	.80330	1226.36990	1875.59990	553.99240	99.10000	3.50950	-.03900	.20400	-5.03970
-4.099	.194	.79860	1232.62939	1876.39990	550.33250	99.20000	3.49990	-.03800	.20410	-2.53150
-3.912	4.251	.79730	1235.23660	1877.79980	549.59280	99.10000	3.50030	-.03770	.20410	-4.98310
-3.662	6.229	.80020	1232.58060	1879.29980	552.51250	99.20000	3.50880	-.03830	.20400	-6.67070
	GRADIENT	-.00073	1.07049	.26419	-.53221	.00019	-.00112	.00016	.00001	.01146

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M066) (09 MAY 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1230.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300				

PARAMETRIC DATA

MACH =	.800	RN/L =	3.500
IB-ELV =	12.000	OB-ELV =	5.000

RUN NO. 1825/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.154	-6.220	.80100	1233.04961	1881.50000	553.82100	99.30000	3.51390	-.03850	.20400	-6.11450
-.234	-4.375	.80130	1232.94341	1881.79980	554.11500	99.20000	3.51580	-.03860	.20400	-4.27910
-.247	-.123	.80070	1233.64990	1881.89990	553.70920	99.20000	3.51480	-.03850	.20400	-.05670
-.187	3.632	.80070	1233.05960	1880.89990	553.37060	99.20000	3.51280	-.03840	.20400	3.67420
-.103	5.705	.80260	1229.15410	1878.50000	554.24730	99.20000	3.51250	-.03880	.20400	5.73710
	GRADIENT	-.00008	.01784	-.10942	-.09303	-.00000	-.00037	.00002	.00000	.99337

RUN NO. 1826/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.169	-5.695	.79920	1233.10670	1878.09990	551.26660	99.20000	3.50430	-.03810	.20410	6.81430
3.881	-3.680	.79880	1233.90770	1878.59990	551.09160	99.20000	3.50430	-.03800	.20410	5.15580
4.058	.202	.79910	1233.79980	1879.00000	551.46120	99.20000	3.50580	-.03810	.20410	4.05240
3.764	4.012	.80080	1232.16920	1879.70000	553.08810	99.00000	3.51240	-.03850	.20400	5.34410
4.015	5.986	.80050	1232.86890	1880.20000	552.98240	99.20000	3.51110	-.03840	.20400	6.98830
	GRADIENT	.00026	-.22539	.14289	.25904	-.02592	.00105	-.00006	-.00001	.02352

RUN NO. 1845/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.152	-5.681	.80110	1234.52690	1883.89990	554.59250	99.70000	3.51530	-.03850	.20400	7.88280
6.064	-3.707	.80170	1227.79961	1874.79980	552.43240	99.70000	3.49970	-.03870	.20400	6.64410
5.952	.210	.80170	1232.93159	1882.50000	554.64060	99.80000	3.51310	-.03860	.20400	5.56670
5.550	3.973	.79810	1233.63110	1877.00000	550.09470	99.80000	3.49510	-.03790	.20410	6.45970
5.619	6.015	.80000	1228.05051	1871.89990	550.11690	99.70000	3.49040	-.03830	.20400	7.82520
	GRADICNT	-.00047	.76315	.29803	-.29846	.01311	-.00057	.00010	.00001	-.02573

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M067) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1827/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.205	-3.915	.90150	1054.59030	1786.50000	599.92190	99.20000	3.51580	-.05190	.20000	-6.92140
-8.283	.355	.89950	1055.03909	1783.39990	597.52590	99.20000	3.50670	-.05170	.20010	-5.70400
-7.987	4.260	.89870	1053.68359	1779.50000	595.65230	99.00000	3.49940	-.05170	.20010	-6.98660
	GRADIENT	-.00034	-.10756	-.85422	-.52287	-.02408	-.00201	.00002	.00001	-.00342

RUN NO. 1828/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-6.263	-3.987	.89900	1055.54350	1783.39990	597.22560	99.30000	3.50520	-.05170	.20010	-5.81780
-6.099	.198	.89790	1055.18240	1780.50000	595.44600	99.20000	3.49860	-.05160	.20020	-4.00730
-5.714	4.366	.90010	1052.26660	1779.79980	596.70240	99.10000	3.50130	-.05180	.20010	-5.81680
	GRADIENT	.00013	-.39211	-.43119	-.06289	.02394	-.00047	-.00001	.00000	.00041

RUN NO. 1829/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.109	-4.088	.90130	1054.10210	1785.39990	599.45680	99.20000	3.51340	-.05190	.20000	-4.85480
-4.111	.192	.89950	1054.44820	1782.39990	597.19040	99.50000	3.50230	-.05180	.20010	-2.45500
-3.937	4.280	.89760	1053.61330	1777.39990	594.24930	99.30000	3.49130	-.05160	.20020	-4.95790
	GRADIENT	-.00044	-.05732	-.95406	-.62161	.01241	-.00264	.00004	.00002	-.00783

RUN NO. 1830/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-2.304	-4.157	.90040	1052.25630	1780.50000	597.18920	99.40000	3.50080	-.05180	.20010	-4.32920
-2.206	.194	.90170	1054.87990	1787.39990	600.36740	99.50000	3.51540	-.05190	.20000	-.94160
-1.679	4.291	.89690	1055.10910	1778.59990	594.18190	99.50000	3.49100	-.05150	.20020	-4.32570
	GRADIENT	-.00041	.34040	-.20618	-.34472	.01195	-.00111	.00003	.00001	.00846

RUN NO. 1831/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.196	-4.354	.89700	1054.22169	1777.20000	593.74830	99.50000	3.48830	-.05150	.20020	-4.24410
-.248	-.303	.89990	1055.22340	1784.59990	598.24100	99.50000	3.50730	-.05180	.20010	-.22160
-.185	3.546	.90160	1053.40450	1784.79980	599.45920	99.50000	3.51020	-.05190	.20000	3.59940
	GRADIENT	.00058	-.10036	.96957	.72627	-.00000	.00279	-.00005	-.00003	.99282

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M067) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1832/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
2.212	-3.720	.89880	1053.77859	1779.89990	595.87080	99.50000	3.49630	-.05170	.20010	4.28940
1.792	.201	.90160	1053.99680	1785.70000	599.72510	99.50000	3.51190	-.05190	.20000	2.25540
1.711	3.833	.89840	1053.78999	1779.09990	595.31350	99.40000	3.49490	-.05160	.20020	4.21360
	GRADIENT	-.00004	.00223	-.08491	-.05978	-.01306	-.00013	.00001	.00001	-.01678

RUN NO. 1833/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
3.956	-3.758	.90030	1055.01711	1784.89990	598.56960	99.40000	3.50920	-.05180	.20010	5.22910
4.038	.200	.90140	1054.19850	1785.70000	599.60550	99.50000	3.51170	-.05190	.20000	3.98430
3.782	3.987	.89980	1052.86330	1780.39990	596.75950	99.50000	3.49890	-.05180	.20010	5.30130
	GRADIENT	-.00006	-.27755	-.57511	-.22997	.01301	-.00132	-.00000	-.00000	.00687

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M068) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1834/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.314	-6.032	.94860	980.51390	1749.79980	617.58400	99.80000	3.50160	-.05530	.19780	-8.29930
-8.362	-3.934	.94820	980.71950	1749.50000	617.27250	99.80000	3.50060	-.05530	.19780	-6.94550
-8.279	.319	.94900	980.20920	1750.00000	617.88380	99.80000	3.50240	-.05540	.19780	-5.61340
-8.017	4.273	.94850	980.81203	1750.09990	617.61840	99.70000	3.50290	-.05530	.19780	-6.94250
-7.758	6.248	.94860	980.71000	1750.20000	617.74050	99.50000	3.50490	-.05540	.19780	-8.16940
	GRADIENT	.00004	.00962	.07365	.04342	-.01203	.00028	-.00000	-.00000	.00430

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M068) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
18-ELV = 12.000 08-ELV = 5.000

RUN NO. 1835/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.215	-6.148	.94840	979.43700	1747.50000	616.65580	99.70000	3.49760	-.05530	.19780	-6.68580
-4.443	-4.098	.94840	979.33890	1747.29980	616.57740	99.60000	3.49800	-.05530	.19780	-4.98310
-4.126	.187	.94850	978.15600	1745.39990	615.97190	99.50000	3.49510	-.05530	.19780	-2.43860
-3.941	4.271	.94640	981.55440	1747.29980	615.35600	99.70000	3.49470	-.05520	.19790	-4.93570
-3.676	6.247	.95070	980.06710	1753.09990	620.00950	99.50000	3.51310	-.05550	.19770	-6.61660
	GRADIENT	-.00024	.26030	-.00363	-.14591	.01166	-.00040	.00001	.00001	.01049

RUN NO. 1836/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.073	-6.264	.94960	980.09520	1751.00000	618.60720	99.50000	3.50760	-.05540	.19770	-6.13150
-.158	-4.389	.94810	980.72220	1749.29980	617.13870	99.70000	3.50090	-.05530	.19780	-4.27150
-.189	-.142	.95200	977.77000	1751.70000	620.34350	99.50000	3.51200	-.05560	.19760	-.05850
-.112	3.625	.94710	979.37230	1744.79980	614.90480	99.60000	3.49140	-.05520	.19780	3.67740
-.006	5.687	.94600	980.48140	1744.70000	614.22630	99.50000	3.49070	-.05520	.19790	5.72720
	GRADIENT	-.00010	-.17961	-.53769	-.25688	-.01321	-.00111	.00001	-.00000	.99194

RUN NO. 1837/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.175	-5.665	.94740	980.74220	1747.79980	616.13530	99.50000	3.49850	-.05520	.19780	6.74090
3.866	-3.672	.94700	979.37380	1744.70000	614.83790	99.60000	3.49110	-.05520	.19780	5.08470
4.044	.195	.94650	981.35300	1747.29980	615.46730	99.80000	3.49410	-.05520	.19790	3.98210
3.734	3.960	.94990	979.49760	1750.50000	618.60500	99.80000	3.50450	-.05540	.19770	5.23780
3.808	5.874	.94910	983.55030	1756.20000	620.14530	99.80000	3.51500	-.05540	.19780	6.76090
	GRADIENT	.00038	.01849	.75956	.49207	.02632	.00175	-.00003	-.00001	.01866

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1838/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.274	-6.057	1.05160	844.56690	1699.70000	653.82670	99.80000	3.49630	-.06090	.19440	-8.10440
-8.370	-3.960	1.05010	848.91750	1705.29980	655.27860	99.80000	3.50680	-.06090	.19440	-6.75200
-8.319	.338	1.04800	849.94430	1703.00000	653.41800	99.90000	3.49980	-.06070	.19450	-5.38170
-7.996	4.290	1.04970	849.31840	1705.29980	655.09860	99.80000	3.50650	-.06080	.19440	-6.72690
	GRADIENT	-.00005	.05136	-.00779	-.02781	.00034	-.00006	.00001	.00000	.00740

RUN NO. 1839/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-6.238	-4.035	1.04630	851.45240	1702.59990	652.49290	99.50000	3.50100	-.06060	.19450	-5.67380
-6.107	.192	1.05090	846.74220	1702.50000	654.55300	99.50000	3.50400	-.06090	.19440	-3.79100
-5.983	4.310	1.05030	849.30570	1706.50000	655.83350	99.70000	3.51020	-.06090	.19440	-5.73630
	GRADIENT	.00048	-.26103	.46518	.40069	.02386	.00110	-.00004	-.00001	-.00549

RUN NO. 1840/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.075	-4.132	1.05050	849.30250	1706.79980	656.01710	99.60000	3.51170	-.06090	.19440	-4.79930
-4.113	.185	1.04640	849.68430	1699.20000	651.22070	99.50000	3.49410	-.06070	.19450	-2.33580
-3.978	4.320	1.04900	847.17410	1699.59990	652.59690	99.50000	3.49680	-.06080	.19450	-4.91340
	GRADIENT	-.00018	-.24932	-.85856	-.40987	-.01192	-.00178	.00001	.00001	-.00920

RUN NO. 1841/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-2.378	-4.217	1.04980	850.49460	1707.79980	656.08980	99.40000	3.51500	-.06080	.19440	-4.37180
-2.169	.189	1.04870	849.73320	1704.00000	654.12160	99.50000	3.50560	-.06080	.19450	-.89540
-1.882	4.318	1.05450	846.95830	1710.50000	659.30640	99.40000	3.52380	-.06100	.19440	-4.35400
	GRADIENT	.00054	-.41162	.30322	.36768	.00025	.00100	-.00002	.00000	.01086

RUN NO. 1842/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.037	-4.368	1.04770	847.59420	1697.79980	651.31230	99.30000	3.49380	-.06070	.19450	-4.24050
-.073	-.311	1.04790	851.41920	1705.70000	654.39650	99.40000	3.50930	-.06070	.19450	-.22080
.029	3.560	1.05060	846.45310	1701.39990	654.01440	99.40000	3.50240	-.06090	.19440	3.61720
	GRADIENT	.00036	-.13524	.46599	.34415	.01271	.00111	-.00003	-.00001	.99106

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M069) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1843/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
2.194	-3.678	1.05220	846.22410	1704.09990	655.75560	100.00000	3.50410	-.06090	.19440	4.17570
2.135	.203	1.05160	846.72730	1703.89990	655.40940	100.00000	3.50330	-.06090	.19440	2.38410
1.713	3.808	1.04720	848.97920	1699.50000	651.72220	99.40000	3.49610	-.06070	.19450	4.13240
	GRADIENT	-.00066	.36501	-.60732	-.53309	-.07913	-.00106	.00003	.00001	-.01158

RUN NO. 1844/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
3.980	-3.727	1.05110	847.81710	1705.09990	655.65010	100.10000	3.50460	-.06090	.19440	5.11100
4.040	.201	1.05140	847.90770	1706.00000	656.15600	100.10000	3.50670	-.06090	.19440	3.82460
3.783	3.963	1.05210	847.69780	1706.89990	656.79590	100.20000	3.50820	-.06090	.19440	5.17000
	GRADIENT	.00013	-.01523	.23401	.14883	.01291	.00047	-.00000	-.00000	.00520

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M070) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1846/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.163	-6.115	1.10170	790.59590	1691.50000	671.65160	99.50000	3.51010	-.06330	.19450	-8.06340
-8.104	-4.018	1.09970	790.92750	1688.09990	669.54420	99.60000	3.50130	-.06320	.19440	-6.58750
-8.075	.190	1.09740	791.55930	1684.70000	667.31350	99.50000	3.49400	-.06310	.19440	-5.15170
-8.046	4.307	1.10000	794.05880	1695.39990	672.55400	99.60000	3.51660	-.06320	.19440	-6.73190
-7.723	6.331	1.09970	792.59350	1691.70000	670.98020	99.60000	3.50980	-.06320	.19440	-8.00440
	GRADIENT	.00003	.37526	.87057	.35821	-.00009	.00182	.00000	.00000	-.01602

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M070) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1847/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.180	-6.198	1.09740	792.73660	1687.09990	668.24440	99.60000	3.49820	-.06310	.19440	-6.64870
-4.454	-4.140	1.10070	790.90890	1690.09990	670.71480	99.60000	3.50590	-.06330	.19440	-4.92960
-4.133	.184	1.09790	792.33400	1687.39990	668.57930	99.60000	3.49910	-.06310	.19440	-2.33870
-3.978	4.312	1.09990	792.29640	1691.39990	670.92310	99.50000	3.50910	-.06320	.19440	-4.91550
-3.596	6.303	1.09730	791.26680	1683.89990	666.96340	99.70000	3.49070	-.06310	.19440	-6.58440
	GRADIENT	-.00010	.16546	.14768	.02057	-.01174	.00036	.00001	.00000	.00657

RUN NO. 1848/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.071	-6.289	1.09650	794.41940	1688.89990	668.62380	99.80000	3.49990	-.06310	.19440	-6.14560
-.023	-4.403	1.09740	790.87330	1683.20000	666.71190	99.60000	3.49010	-.06310	.19440	-4.27800
-.081	-.155	1.10220	791.76220	1695.09990	673.28390	99.50000	3.51780	-.06330	.19450	-.06470
.005	3.601	1.10240	789.60110	1691.00000	671.75200	99.50000	3.50940	-.06330	.19450	3.65910
.099	5.700	1.09860	791.43770	1687.00000	668.70190	99.50000	3.49940	-.06310	.19440	5.74040
	GRADIENT	.00064	-.15094	1.01414	.64959	-.01273	.00250	-.00003	.00001	.99159

RUN NO. 1849/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.193	-5.624	1.09950	791.81350	1689.59990	670.06690	99.60000	3.50440	-.06320	.19440	6.64190
3.895	-3.663	1.09880	791.04350	1686.39990	668.50880	99.70000	3.49660	-.06320	.19440	4.99300
4.050	.190	1.09880	790.06230	1684.39990	667.73320	99.60000	3.49320	-.06310	.19440	3.81480
3.761	3.949	1.09670	791.67140	1683.39990	666.51070	99.70000	3.48940	-.06310	.19440	5.16240
4.091	5.912	1.10350	791.54030	1697.50000	674.76340	99.80000	3.52090	-.06330	.19450	6.84890
	GRADIENT	-.00027	.08109	-.39468	-.26227	-.00011	-.00095	.00001	.00000	.02089

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M071) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 3.000

RUN NO. 1850/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.003	-6.098	1.15440	736.26170	1683.39990	686.82710	99.90000	3.50820	-.06570	.19640	-7.95250
-8.363	-3.996	1.15090	739.06200	1682.29980	685.27710	99.80000	3.50590	-.06560	.19620	-6.72090
-8.340	.250	1.15100	736.61210	1677.00000	683.15920	99.80000	3.49480	-.06560	.19620	-5.34640
-7.976	4.313	1.15280	738.63840	1685.39990	687.14090	99.90000	3.51200	-.06560	.19630	-6.69780
-7.758	6.341	1.14770	739.60570	1676.70000	681.97580	99.80000	3.49340	-.06540	.19600	-8.00340
	GRADIENT	.00023	-.05537	.35958	.21828	.01193	.00071	.00000	.00001	.00546

RUN NO. 1851/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.131	-6.202	1.15080	738.96560	1681.89990	685.08740	99.80000	3.50500	-.06560	.19620	-6.63960
-4.423	-4.143	1.14710	741.37790	1679.50000	682.93120	99.80000	3.49910	-.06540	.19600	-4.93770
-4.128	.183	1.15450	736.16210	1683.39990	686.86060	99.80000	3.50900	-.06570	.19640	-2.35480
-3.972	4.303	1.15000	738.78300	1679.79960	683.98140	99.80000	3.50040	-.06550	.19610	-4.89430
-3.600	6.297	1.15370	737.54570	1684.89990	687.22950	99.80000	3.51200	-.06570	.19630	-6.56840
	GRADIENT	.00035	-.31466	.04267	.13083	.00000	.00017	-.00001	.00001	.01004

RUN NO. 1852/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.095	-6.298	1.14750	738.33590	1673.39990	680.57010	99.70000	3.48730	-.06540	.19600	-6.15260
.002	-4.406	1.14560	740.03370	1673.09990	679.82100	99.80000	3.48530	-.06530	.19590	-4.27750
-.039	-.159	1.15400	736.66060	1683.39990	686.69410	99.80000	3.50890	-.06570	.19630	-.06620
.045	3.596	1.14860	739.59110	1678.50000	682.98360	99.70000	3.49820	-.06540	.19600	3.65590
.142	5.692	1.15270	738.34720	1684.39990	686.68360	99.80000	3.51070	-.06560	.19630	5.73380
	GRADIENT	.00041	-.07137	.71284	.42178	-.01222	.00170	-.00001	.00001	.99136

RUN NO. 1853/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.206	-5.625	1.15170	737.58010	1680.59990	684.83230	99.90000	3.50170	-.06560	.19620	6.64300
3.890	-3.650	1.14970	738.39770	1678.09990	683.16650	99.80000	3.49630	-.06550	.19610	4.97340
4.032	.198	1.15090	738.37700	1680.70000	684.61910	99.90000	3.50170	-.06560	.19620	3.77600
3.768	3.951	1.15160	734.93800	1674.39990	682.27930	99.80000	3.48960	-.06560	.19620	5.13610
4.042	5.905	1.15220	737.86550	1682.29980	685.68020	100.00000	3.50450	-.06560	.19620	6.81100
	GRADIENT	.00025	-.45328	-.48191	-.11465	.00011	-.00094	-.00001	.00001	.02001

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M072) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1854/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.148	-4.029	1.25120	647.58790	1680.20000	709.69820	100.40000	3.50290	-.07030	.20650	-6.54030
-3.253	.255	1.24880	647.03300	1673.39990	706.37400	100.20000	3.49070	-.07010	.20610	-5.22540
[illegible]08	4.312	1.25310	644.33940	1676.00000	708.27610	100.10000	3.49640	-.07040	.20680	-6.64560
	GRADIENT	.00022	-.38704	-.51364	-.17614	-.03607	-.00080	-.00001	.00003	-.00964

RUN NO. 1855/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-6.281	-4.041	1.24710	648.42310	1673.20000	705.96510	100.30000	3.48960	-.07010	.20590	-5.63050
-6.124	.194	1.24810	647.13990	1672.09990	705.69090	100.30000	3.48720	-.07010	.20600	-3.75540
-5.981	4.333	1.24870	646.15550	1670.79980	705.24850	100.10000	3.48610	-.07020	.20610	-5.69600
	GRADIENT	.00019	-.27091	-.28651	-.08549	-.02379	-.00042	-.00001	.00002	-.00606

RUN NO. 1856/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.007	-4.137	1.25090	647.29860	1678.79980	709.05250	100.40000	3.50000	-.07030	.20650	-4.76190
-4.122	.195	1.25150	648.26880	1682.50000	710.71440	100.40000	3.50770	-.07030	.20660	-2.32970
-3.979	4.323	1.25040	646.62130	1675.89990	707.73140	100.40000	3.49410	-.07030	.20640	-4.90230
	GRADIENT	-.00006	-.07754	-.33287	-.15169	.00000	-.00068	-.00000	-.00001	-.01182

RUN NO. 1857/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-2.387	-4.207	1.25000	648.09230	1678.79980	708.87940	100.40000	3.50010	-.07020	.20630	-4.36210
-2.156	.200	1.25000	648.09280	1678.70000	708.82860	100.30000	3.50080	-.07020	.20630	-.89360
-1.899	4.315	1.24660	648.43020	1672.00000	705.35350	100.20000	3.48800	-.07010	.20580	-4.35050
	GRADIENT	-.00039	.03918	-.78880	-.40901	-.02346	-.00140	.00001	-.00006	.01061

RUN NO. 1858/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.011	-4.368	1.25150	646.21630	1677.29980	708.52830	100.10000	3.49930	-.07030	.20660	-4.23290
-.019	-.321	1.24800	645.87080	1668.59990	704.19480	100.20000	3.48070	-.07010	.20600	-.22230
.060	3.548	1.25450	641.97710	1672.89990	707.21660	100.30000	3.48810	-.07040	.20700	3.61180
	GRADIENT	.00037	-.53211	-.56811	-.17267	.02526	-.00144	-.00001	.00005	.99197

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M072) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1859/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
2.238	-3.700	1.25100	647.68900	1679.89990	709.52440	100.30000	3.50320	-.07020	.20650	4.19300
2.108	.214	1.24590	651.76120	1679.09990	708.21970	100.40000	3.50120	-.07000	.20570	2.33250
1.698	3.789	1.24740	646.95390	1670.00000	704.66580	100.10000	3.48450	-.07010	.20590	4.09560
	GRADIENT	-.00049	-.08023	-1.30438	-.64382	-.02588	-.00247	.00001	-.00008	-.02029

RUN NO. 1860/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
3.948	-3.707	1.24790	650.85570	1681.20000	709.48850	100.40000	3.50540	-.07010	.20600	5.04320
4.041	.213	1.25000	644.08640	1668.39990	704.48580	100.40000	3.47850	-.07020	.20630	3.75340
3.786	3.949	1.24810	648.21510	1674.79980	706.82370	100.20000	3.49370	-.07010	.20600	5.13170
	GRADIENT	.00003	-.35621	-.85583	-.35565	-.02591	-.00157	-.00000	.00000	.00877

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M073) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1861/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.251	-6.055	1.40270	534.09520	1706.20000	735.64580	100.20000	3.50570	-.08580	.24650	-7.90950
-8.432	-3.968	1.40370	533.20920	1705.59990	735.39790	100.40000	3.50230	-.08590	.24690	-6.57940
-8.295	.374	1.40260	532.43820	1701.00000	733.40410	100.20000	3.49500	-.08580	.24650	-5.13860
-8.033	4.350	1.40410	531.54810	1701.39990	733.59200	100.10000	3.49590	-.08600	.24710	-6.57540
-7.695	6.358	1.40250	533.51320	1703.70000	734.56450	100.10000	3.50160	-.08570	.24640	-7.87650
	GRADIENT	.00004	-.19936	-.51342	-.22081	-.03622	-.00078	.00001	.00002	.00556

IA105A, AEDC PWT-TF470, O T S W0/SILTS (UBM073) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1862/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.304	-6.197	1.40440	531.05760	1700.59990	733.25050	100.10000	3.48410	-.08610	.24720	-6.61860
-4.477	-4.125	1.40370	531.55200	1700.39990	733.15630	100.30000	3.49240	-.08600	.24690	-4.85690
-4.135	.233	1.40130	533.13480	1699.70000	732.82470	100.30000	3.49230	-.08550	.24600	-2.25130
-4.053	4.325	1.40500	530.95530	1701.50000	733.64360	100.30000	3.49400	-.08620	.24740	-4.86390
-3.558	6.311	1.40250	532.92820	1701.89990	733.78680	100.10000	3.49790	-.08570	.24640	-6.52520
	GRADIENT	00015	-.06592	.12705	.05622	.00000	.00019	-.00002	.00006	.00566

RUN NO. 1863/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF	TT	RN/L	AFA	BFA	ALFC
-.093	-6.329	1.40230	533.41720	1703.00000	734.26070	100.10000	3.50020	-.08570	.24640	-6.15470
-.182	-4.431	1.40070	531.97090	1694.59990	730.61770	99.80000	3.48630	-.08540	.24580	-4.27550
-.175	-.198	1.40170	533.52100	1701.79980	733.73510	100.10000	3.49810	-.08560	.24610	-.08390
-.115	3.569	1.39890	534.91190	1699.70000	732.78960	100.00000	3.49610	-.08500	.24510	3.64570
-.071	5.674	1.40090	534.99000	1704.70000	734.97510	100.10000	3.50450	-.08540	.24580	5.73050
	GRADIENT	-.00022	.36761	.65937	.28104	.02594	.00126	.00005	-.00008	.99019

RUN NO. 1864/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.217	-5.605	1.40060	533.23880	1698.39990	732.25460	100.30000	3.49000	-.08540	.24570	6.62960
3.906	-3.606	1.39980	534.22170	1699.50000	732.71630	100.30000	3.49280	-.08520	.24540	4.95150
4.022	.245	1.40310	533.60450	1705.50000	735.34810	100.40000	3.50240	-.08580	.24670	3.76310
3.696	3.974	1.39950	533.05490	1695.09990	730.81490	100.10000	3.48560	-.08520	.24530	5.13940
3.986	5.920	1.39950	537.14820	1708.09990	736.41940	100.10000	3.51230	-.08510	.24530	6.81550
	GRADIENT	-.00003	-.15397	-.56888	-.24577	-.02610	-.00093	-.00000	-.00001	.02298

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M074) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = 0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1865/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.476	-6.069	1.55160	404.76290	1601.89990	682.09740	100.10000	3.19020	-.15010	.32510	-8.13340
-8.496	-3.899	1.55120	406.13060	1606.39990	684.06050	100.30000	3.19790	-.14980	.32480	-6.69980
-8.355	.462	1.55000	405.46070	1601.00000	681.90160	100.40000	3.18740	-.14880	.32400	-5.33630
-7.965	4.448	1.55260	406.31030	1610.50000	685.63130	100.50000	3.20330	-.15090	.32580	-6.68280
-7.736	6.449	1.54890	407.61550	1606.79980	684.50930	100.30000	3.20060	-.14800	.32320	-8.01140
	GRADIENT	.00016	.01879	.46416	.17750	.02394	.00060	-.00013	.00012	.00689

RUN NO. 1866/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.376	-6.214	1.54780	406.36040	1599.29980	681.44290	100.20000	3.18730	-.14710	.32250	-6.65270
-4.605	-4.109	1.54890	404.88770	1596.20000	679.98580	100.20000	3.18020	-.14800	.32330	-4.89630
-4.233	.315	1.55450	405.41460	1611.29980	685.74510	100.40000	3.20420	-.15230	.32700	-2.29030
-3.958	4.449	1.54780	407.91850	1605.50000	684.08130	100.40000	3.19810	-.14720	.32250	-4.90740
-3.565	6.363	1.55050	404.09180	1596.79980	680.05130	100.30000	3.17930	-.14930	.32430	-6.53430
	GRADIENT	-.00011	.35141	1.11397	.48821	.02363	.00213	.00008	-.00008	.00559

RUN NO. 1867/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.244	-6.373	1.55080	408.18020	1613.50000	687.13550	100.40000	3.21160	-.14940	.32450	-6.14460
-.319	-4.498	1.55250	405.82470	1608.29980	684.70900	100.40000	3.19980	-.15080	.32570	-4.28360
-.334	-.226	1.54810	407.13670	1603.00000	682.98710	100.30000	3.19370	-.14730	.32270	-.04990
-.297	3.509	1.54870	407.90920	1607.59990	684.86820	100.20000	3.20310	-.14790	.32310	3.65430
-.248	5.608	1.54990	406.24170	1603.70000	683.07100	100.20000	3.19440	-.14870	.32390	5.73600
	GRADIENT	-.00049	.26146	-.11492	.00980	-.02494	.00037	.00037	-.00033	.99141

RUN NO. 1868/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.249	-5.525	1.54970	408.97090	1614.00000	687.48240	100.40000	3.21350	-.14860	.32370	6.72750
3.905	-3.514	1.54940	406.63650	1604.09990	683.30030	100.20000	3.19560	-.14830	.32350	5.04980
3.914	.327	1.54980	405.65820	1601.20000	682.01640	100.20000	3.18950	-.14870	.32380	3.88600
3.608	3.992	1.54960	406.63380	1604.70000	683.52490	100.10000	3.19740	-.14850	.32370	5.26210
3.876	5.944	1.54820	406.84350	1602.09990	682.59080	100.20000	3.19260	-.14740	.32270	6.91910
	GRADIENT	.00003	-.00240	.07326	.02701	-.01322	.00023	-.00003	.00003	.02431

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1694/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.105	-7.946	.60180	1751.01511	2236.59991	443.92140	98.90000	3.51590	.07430	.19660	-10.23540
-8.076	-3.872	.60370	1751.04469	2240.00000	446.75050	98.50000	3.53230	.07220	.19680	-7.37120
-8.120	.330	.60260	1751.67799	2238.89990	445.30960	98.20000	3.52860	.07340	.19670	-6.24310
-7.922	4.170	.60210	1752.88499	2239.50000	444.82500	98.30000	3.52350	.07400	.19660	-7.45530
-7.864	8.190	.60210	1753.28130	2240.00000	444.92040	98.50000	3.52570	.07400	.19660	-10.28730
	GRADIENT	-.00020	.22760	-.06530	-.24104	-.02560	-.00072	.00022	-.00002	-.00609

RUN NO. 1695/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.188	-8.047	.60260	1751.67799	2238.89990	445.30960	98.50000	3.52620	.07340	.19670	-8.69190
-4.129	-3.939	.60070	1752.04691	2235.89990	442.48850	99.90000	3.50210	.07570	.19640	-5.02560
-4.002	.185	.60130	1750.93480	2235.59991	443.14750	100.20000	3.50190	.07490	.19650	-2.73050
-3.828	4.161	.59930	1755.46291	2237.79980	441.28390	100.40000	3.49540	.07730	.19630	-5.07910
-3.792	8.163	.60120	1751.72500	2236.50000	443.25290	100.40000	3.50140	.07500	.19650	-8.68390
	GRADIENT	-.00017	.41744	.23265	-.14680	.06180	-.00082	.00020	-.00001	-.00310

RUN NO. 1696/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.132	-8.249	.60020	1752.06400	2235.09991	441.80220	100.40000	3.49500	.07620	.19640	-8.25630
-.223	-4.025	.60230	1752.87669	2239.89990	445.16770	100.40000	3.51120	.07370	.19660	-4.05090
-.207	-.079	.59990	1752.66750	2235.39990	441.55960	100.40000	3.49440	.07650	.19630	-.12810
-.164	3.839	.60180	1753.58839	2239.89990	444.58500	100.60000	3.50750	.07430	.19660	3.77280
-.075	7.830	.60040	1751.46240	2234.70001	441.95920	100.40000	3.49520	.07600	.19640	7.74410
	GRADIENT	-.00006	.09033	-.00135	-.07508	.02540	-.00047	.00008	-.00000	.99480

RUN NO. 1697/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.257	-7.801	.60080	1752.73289	2237.09991	442.93430	100.30000	3.50160	.07540	.19650	8.61740
4.164	-3.823	.60010	1753.94650	2237.39990	442.19140	100.40000	3.49830	.07630	.19640	5.47010
4.098	.193	.60180	1752.50200	2238.39990	444.21530	100.40000	3.50650	.07440	.19660	4.17030
3.843	4.102	.60170	1752.40669	2238.09991	444.04150	100.40000	3.50560	.07450	.19660	5.48990
3.893	7.974	.60010	1753.25610	2236.39990	441.91720	100.40000	3.49650	.07640	.19640	8.65380
	GRADIENT	.00020	-.19505	.08906	.23468	.00000	.00093	-.00023	.00003	.00103

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M075) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1728/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
8.168	-7.697	.60090	1752.53371	2236.89990	442.92940	99.20000	3.51020	.07540	.19650	10.59780
8.176	-3.771	.60090	1754.41209	2239.39990	443.49020	99.20000	3.51430	.07530	.19650	8.39670
7.799	.145	.60020	1754.14330	2237.70001	442.28220	99.20000	3.50850	.07620	.19640	7.32390
8.122	4.132	.59930	1755.85690	2238.39990	441.46530	99.10000	3.50690	.07720	.19630	8.53540
8.189	8.096	.60100	1752.13350	2236.59991	443.00540	99.00000	3.51180	.07530	.19650	10.90730
	GRADIENT	-.00020	.18358	-.12562	-.25607	-.01269	-.00093	.00024	-.00003	.01843

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M076) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1698/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.283	-5.997	.79860	1232.62939	1876.39990	550.33250	100.00000	3.49350	-.03800	.20410	-8.49910
-8.344	-3.871	.79730	1234.14870	1876.29980	549.22290	100.00000	3.49050	-.03770	.20410	-7.18190
-8.282	.360	.79790	1233.53830	1876.50000	549.78740	99.80000	3.49380	-.03790	.20410	-5.91940
-7.998	4.243	.79800	1233.53661	1876.59990	549.86250	99.70000	3.49490	-.03790	.20410	-7.16090
-7.761	6.244	.79720	1234.34940	1876.39990	549.16020	99.80000	3.49200	-.03770	.20410	-8.38820
	GRADIENT	.00009	-.07847	.03714	.07965	-.03713	.00055	-.00002	-.00000	.00701

RUN NO. 1699/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.237	-6.092	.79820	1233.43210	1876.79980	550.08200	99.80000	3.49490	-.03790	.20410	-6.73990
-4.439	-4.052	.79780	1233.93629	1876.89990	549.81250	99.90000	3.49350	-.03780	.20410	-5.06190
-4.110	.193	.79920	1232.71220	1877.50000	551.09080	99.90000	3.49750	-.03810	.20410	-2.57470
-3.925	4.261	.79730	1234.84030	1877.29980	549.49240	100.00000	3.49230	-.03770	.20410	-5.00430
-3.641	6.227	.79790	1234.22971	1877.50000	550.05710	100.10000	3.49320	-.03790	.20410	-6.67370
	GRADIENT	-.00006	.10589	.04878	-.03606	.01194	-.00014	.00001	.00000	.01110

1A105A, AEDC PWT-TF470, O T S WO/SILTS (U8M076) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1700/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.148	-6.107	.79780	1234.43040	1877.59990	549.99440	100.00000	3.49390	-.03790	.20410	-6.00490
-.201	-4.289	.79950	1232.99879	1878.50000	551.63620	100.00000	3.49920	-.03820	.20410	-4.19750
-.210	-.264	.79920	1233.10500	1878.20000	551.34180	100.00000	3.49810	-.03810	.20410	-.19850
-.141	3.626	.79870	1233.71390	1878.09990	550.85330	100.10000	3.49590	-.03800	.20410	3.66720
-.039	5.698	.79850	1233.91600	1878.09990	550.71530	100.10000	3.49560	-.03800	.20410	5.72830
	GRADIENT	-.00010	.08997	-.05069	-.09876	.01256	-.00042	.00003	-.00000	.99361

RUN NO. 1701/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.188	-5.695	.80040	1232.47780	1879.39990	552.65650	100.20000	3.50130	-.03840	.20400	6.79210
3.865	-3.706	.79740	1234.53999	1877.09990	549.54910	100.10000	3.49140	-.03780	.20410	5.14160
4.014	.199	.79900	1233.50630	1878.39990	551.21660	99.90000	3.49880	-.03810	.20410	3.97570
3.775	4.000	.79870	1234.50290	1879.29980	551.20460	99.60000	3.50220	-.03800	.20410	5.30350
4.000	5.992	.80190	1231.14751	1880.29980	554.22530	99.40000	3.51280	-.03870	.20400	6.97040
	GRADIENT	.00017	-.00600	.28568	.21579	-.06482	.00140	-.00003	.00000	.01955

RUN NO. 1702/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.345	-5.706	.79990	1232.88750	1879.09990	552.15580	100.10000	3.50040	-.03830	.20400	7.99460
6.072	-3.717	.79900	1235.47951	1881.39990	552.09470	100.10000	3.50280	-.03810	.20410	6.61740
5.932	.208	.79810	1233.33760	1876.39990	549.85010	100.00000	3.49220	-.03790	.20410	5.50750
5.641	4.012	.79830	1233.13181	1876.59990	550.13840	99.90000	3.49400	-.03800	.20410	6.48860
6.011	6.056	.79970	1232.69679	1878.39990	551.76760	99.80000	3.50110	-.03820	.20410	8.04540
	GRADIENT	-.00009	-.30501	-.62444	-.25478	-.02587	-.00115	.00001	-.00000	-.01805

IA105A, AEDC PWT-TF470, C T S W0/SILTS (U8M077) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1703/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.289	-6.014	.89990	1051.97411	1779.09990	596.39550	100.20000	3.49090	-.05180	.20010	-8.34730
-8.330	-3.935	.89900	1054.75681	1782.00000	596.73170	100.10000	3.49600	-.05170	.20010	-7.03470
-8.308	.310	.90000	1054.23779	1783.00000	597.72800	100.10000	3.49940	-.05180	.20010	-5.74130
-8.007	4.256	.89820	1053.89259	1779.00000	595.18360	100.20000	3.48810	-.05160	.20020	-6.99960
-7.753	6.250	.89980	1055.52319	1784.79980	598.20000	100.10000	3.50260	-.05180	.20010	-8.24030
	GRADIENT	-.00009	-.10573	-.35868	-.18306	.01206	-.00094	.00001	.00001	.00809

RUN NO. 1704/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.249	-6.147	.89770	1053.70970	1777.70000	594.39820	100.40000	3.48310	-.05160	.20020	-6.71890
-4.413	-4.093	.89700	1054.91020	1778.39990	594.16280	100.40000	3.48350	-.05150	.20020	-5.09430
-4.116	.188	.89990	1051.67870	1778.59990	596.22780	100.10000	3.49070	-.05180	.20010	-2.48540
-3.938	4.270	.89730	1054.80350	1778.79980	594.50220	99.90000	3.48870	-.05150	.20020	-4.96090
-3.665	6.246	.89860	1053.28999	1778.79980	595.40530	99.50000	3.49400	-.05160	.20010	-6.63760
	GRADIENT	.00004	-.01882	.04781	.04419	-.05988	.00063	-.00000	-.00000	.00995

RUN NO. 1705/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.088	-6.235	.89670	1055.01860	1777.89990	593.75390	99.50000	3.48920	-.05150	.20020	-6.11650
-.189	-4.391	.89770	1053.80760	1777.89990	594.47730	99.50000	3.49080	-.05160	.20020	-4.28310
-.210	-.078	.90200	1048.96359	1778.00000	597.42900	99.70000	3.49580	-.05190	.20000	-.00060
-.136	3.650	.90300	1049.23140	1780.39990	598.91580	99.70000	3.50200	-.05200	.19990	3.70110
-.044	5.685	.90180	1049.95509	1779.20000	597.66410	99.80000	3.49700	-.05190	.20000	5.72390
	GRADIENT	.00067	-.58345	.30340	.55538	.02543	.00139	-.00005	-.00004	.99285

RUN NO. 1711/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.192	-5.665	.90110	1053.61501	1784.20000	598.92240	99.80000	3.50590	-.05190	.20000	6.74310
4.106	-3.710	.89900	1055.44701	1783.09990	597.07670	99.80000	3.50050	-.05170	.20010	5.25210
3.991	.203	.89970	1054.73779	1783.29980	597.63650	99.80000	3.50200	-.05180	.20010	3.91090
3.788	3.991	.90030	1054.12959	1783.50000	598.13600	99.80000	3.50330	-.05180	.20010	5.28710
4.023	5.960	.90080	1053.52730	1783.29980	598.35670	99.80000	3.50350	-.05190	.20000	6.92360
	GRADIENT	.00017	-.17113	.05195	.13759	-.00000	.00036	-.00001	.00000	.00265

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M078) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1707/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.061	-6.002	.94650	981.15700	1746.89990	615.31050	100.10000	3.49090	-.05520	.19790	-8.13740
-8.373	-3.962	.94930	978.33200	1747.29980	617.13110	100.10000	3.49500	-.05540	.19770	-6.97750
-8.299	.262	.94880	978.04860	1745.89990	616.36160	100.00000	3.49250	-.05530	.19780	-5.64160
-7.996	4.268	.94890	979.03030	1747.79980	617.07790	99.90000	3.49720	-.05540	.19780	-6.93140
-7.784	6.255	.94750	980.63870	1748.00000	616.32470	99.80000	3.49670	-.05530	.19780	-8.18740
	GRADIENT	-.00005	.08348	.05721	-.00806	-.02430	.00026	.00000	.00001	.00841

RUN NO. 1708/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.124	-6.130	.94820	979.04760	1746.50000	616.20870	100.00000	3.49290	-.05530	.19780	-6.64670
-4.452	-4.110	.94690	979.96730	1745.50000	615.04000	100.10000	3.48850	-.05520	.19790	-5.00540
-4.111	.186	.94940	978.62330	1748.09990	617.49950	100.10000	3.49680	-.05540	.19770	-2.44800
-3.958	4.276	.94740	981.33180	1748.89990	616.53830	100.10000	3.49590	-.05530	.19780	-4.95080
-3.665	6.238	.94820	979.63840	1747.50000	616.54470	100.10000	3.49410	-.05530	.19780	-6.60750
	GRADIENT	.00006	.15871	.40710	.18198	.00000	.00089	-.00001	-.00001	.01146

RUN NO. 1710/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.067	-6.293	.94870	979.03420	1747.50000	616.87720	100.00000	3.49560	-.05530	.19780	-6.16370
-.128	-4.289	.95120	978.57810	1751.50000	619.76930	100.10000	3.50570	-.05550	.19770	-4.17410
-.148	-.166	.95150	976.80000	1748.89990	619.02730	100.00000	3.50170	-.05550	.19760	-.08470
-.065	3.852	.94970	981.76320	1754.29980	619.87160	100.10000	3.50950	-.05540	.19770	3.90220
.049	5.747	.95030	978.60060	1749.79980	618.63500	100.00000	3.50210	-.05550	.19770	5.78450
	GRADIENT	-.00018	.38766	.33967	.01173	-.00011	.00046	.00001	-.00000	.09202

RUN NO. 1709/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.114	-5.663	.94930	979.70970	1749.70000	617.96000	100.10000	3.49980	-.05540	.19770	6.68970
3.838	-3.676	.94890	980.50610	1750.39990	617.98510	100.10000	3.50070	-.05540	.19780	5.03780
3.948	.190	.95000	979.49370	1750.79980	618.80540	100.10000	3.50290	-.05540	.19770	3.86450
3.794	3.983	.94690	981.44170	1748.20000	616.01420	100.00000	3.49480	-.05520	.19780	5.26960
4.067	5.942	.95200	978.26270	1752.50000	620.60160	100.00000	3.50950	-.05560	.19760	6.90690
	GRADIENT	-.00026	.12093	-.28598	-.25583	-.01301	-.00077	.00003	-.00000	.02926

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M079) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1712/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.044	-6.082	1.05110	848.60210	1706.70000	656.27030	100.10000	3.50790	-.06090	.19440	-8.01140
-8.351	-3.992	1.05130	848.20530	1706.29980	656.20480	100.30000	3.50560	-.06090	.19440	-6.77800
-8.073	.181	1.04910	848.54640	1702.50000	653.74320	100.30000	3.49630	-.06080	.19450	-5.24150
-7.964	4.294	1.05030	847.73610	1703.29980	654.59330	100.40000	3.49790	-.06080	.19440	-6.72890
-7.723	6.304	1.04940	848.24460	1702.59990	653.93970	100.40000	3.49590	-.06080	.19440	-8.01940
	GRADIENT	-.00012	-.05629	-.36341	-.19546	.01204	-.00093	.00001	.00000	.00681

RUN NO. 1713/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-3.968	-6.181	1.05050	847.04390	1702.39990	654.35690	100.40000	3.49620	-.06090	.19440	-6.58440
-4.434	-4.136	1.04930	848.83740	1703.39990	654.15970	100.40000	3.49740	-.06080	.19450	-4.95280
-4.109	.181	1.04880	848.35640	1701.50000	653.22050	100.40000	3.49320	-.06080	.19450	-2.34920
-3.975	4.319	1.05070	848.21800	1705.09990	655.47070	100.50000	3.50110	-.06080	.19440	-4.92350
-3.615	6.286	1.04910	846.68120	1698.79980	652.33180	100.50000	3.48710	-.06080	.19450	-6.57340
	GRADIENT	.00016	-.07353	.19643	.15236	.01174	.00043	.00000	-.00001	.00779

RUN NO. 1714/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.096	-6.284	1.05130	847.61670	1705.09990	655.73970	100.50000	3.50150	-.06090	.19440	-6.14160
-.009	-4.390	1.04660	849.77830	1699.79980	651.54390	100.50000	3.48730	-.06070	.19450	-4.26490
-.035	-.236	1.05350	846.21780	1704.70000	656.12230	100.60000	3.50060	-.06090	.19440	-.14700
.042	3.591	1.04920	846.38480	1698.39990	652.22190	100.70000	3.48470	-.06080	.19450	3.64620
.166	5.671	1.05080	845.86040	1700.59990	653.79420	100.50000	3.49130	-.06090	.19440	5.70960
	GRADIENT	.00034	-.43134	-.15613	.09942	.02505	-.00028	-.00001	-.00000	.99124

RUN NO. 1715/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.196	-5.641	1.04810	849.54880	1702.50000	653.29200	100.50000	3.49400	-.06080	.19450	6.65850
3.909	-3.677	1.04830	849.74070	1703.29980	653.69240	100.50000	3.49570	-.06070	.19450	5.01270
4.074	.197	1.05110	845.26510	1700.00000	653.69630	100.40000	3.49170	-.06090	.19440	3.81050
3.757	3.956	1.05060	847.23800	1703.00000	654.63430	100.50000	3.49670	-.06090	.19440	5.15030
3.816	5.849	1.05000	849.60740	1706.39990	655.63750	100.30000	3.50490	-.06080	.19440	6.66630
	GRADIENT	.00030	-.33209	-.04341	.12278	-.00013	.00013	-.00003	-.00001	.01636

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M080) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1716/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.026	-6.188	1.09950	792.01050	1689.89990	670.16360	101.00000	3.49350	-.06320	.19440	-8.05640
-8.462	-3.958	1.09880	792.02270	1688.59990	669.40190	99.80000	3.50030	-.06320	.19440	-6.74290
-8.303	.348	1.10210	789.80370	1690.70000	671.49830	99.60000	3.50780	-.06330	.19450	-5.33030
-7.999	4.309	1.09890	792.80570	1690.39990	670.13960	99.50000	3.50650	-.06320	.19440	-6.72090
-7.690	6.318	1.09910	790.74340	1686.39990	668.62770	99.30000	3.50000	-.06320	.19440	-7.99050
	GRADIENT	.00002	.08591	.22164	.09498	-.03644	.00076	-.00000	.00000	.00736

RUN NO. 1717/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.176	-6.199	1.10180	791.57450	1693.79980	672.60280	99.40000	3.51570	-.06330	.19450	-6.64870
-4.438	-4.148	1.10120	790.50630	1690.39990	671.04790	99.20000	3.51010	-.06330	.19450	-4.94170
-4.130	.181	1.10010	789.74390	1686.39990	669.02320	99.10000	3.50210	-.06320	.19440	-2.35380
-4.006	4.324	1.09850	793.79320	1691.70000	670.50510	99.20000	3.51150	-.06320	.19440	-4.93770
-3.578	6.292	1.09730	792.83670	1687.09990	668.20460	99.20000	3.50140	-.06310	.19440	-6.57440
	GRADIENT	-.00032	.38374	.14539	-.06709	-.00017	.00015	.00001	-.00001	.00494

RUN NO. 1718/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.113	-6.279	1.09790	793.80540	1690.39990	669.74290	99.20000	3.50850	-.06310	.19440	-6.13760
.008	-4.412	1.10130	791.48460	1692.70000	671.99930	99.20000	3.51490	-.06330	.19450	-4.28820
-.058	-.144	1.10110	789.43090	1687.79980	669.96040	99.20000	3.50460	-.06330	.19450	-.05560
.024	3.601	1.09880	792.21970	1688.89990	669.49850	99.20000	3.50580	-.06320	.19440	3.65810
.169	5.689	1.09990	791.12010	1688.89990	669.93360	99.20000	3.50640	-.06330	.19440	5.73050
	GRADIENT	-.00031	.07850	-.48983	-.31593	.00000	-.00117	.00001	-.00001	.99170

RUN NO. 1719/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.196	-5.615	1.10010	790.82200	1688.70000	669.93510	99.20000	3.50600	-.06330	.19440	6.62070
3.889	-3.667	1.09940	791.91330	1689.59990	670.02730	99.20000	3.50750	-.06320	.19440	4.97880
4.060	.196	1.10060	791.10690	1690.29980	670.75290	99.20000	3.50960	-.06330	.19440	3.78680
3.768	3.949	1.09840	793.10840	1690.09990	669.84500	99.20000	3.50820	-.06320	.19440	5.14700
4.079	5.905	1.10040	791.40500	1690.50000	670.75170	99.30000	3.50910	-.06320	.19440	6.82330
	GRADIENT	-.00013	.15515	.06622	-.02291	.00000	.00008	-.00000	-.00000	.02048

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (U8M081) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
1B-ELV = 12.000 09-ELV = 9.000

RUN NO. 1720/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.419	-6.247	1.15220	737.76660	1682.20000	685.65800	100.30000	3.50190	-.06560	.19620	-8.26230
-8.359	-3.961	1.14940	738.10840	1676.89990	682.59690	100.40000	3.48930	-.06540	.19610	-6.70580
-8.324	.355	1.15020	739.75980	1682.29980	685.04100	100.40000	3.50080	-.06550	.19610	-5.35650
-7.985	4.315	1.14910	739.68020	1679.79980	683.67720	100.40000	3.49530	-.06550	.19610	-6.71290
-7.747	6.320	1.15200	738.16310	1682.50000	685.69120	100.40000	3.50160	-.06560	.19620	-7.99050
	GRADIENT	-.00003	.19280	.36384	.13704	-.00000	.00075	-.00001	-.00000	.00382

RUN NO. 1721/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.183	-6.219	1.15070	739.84840	1683.70000	685.78930	100.60000	3.50220	-.06550	.19620	-6.67170
-4.405	-4.133	1.15110	737.39430	1678.89990	683.95070	100.30000	3.49170	-.06560	.19620	-4.92460
-4.126	.185	1.15210	736.30000	1678.59990	684.15280	100.50000	3.49270	-.06560	.19620	-2.37380
-3.982	4.310	1.15200	738.26120	1682.70000	685.76900	100.60000	3.50040	-.06560	.19620	-4.91140
-3.599	6.304	1.15220	736.10230	1678.39990	684.10820	100.40000	3.49320	-.06560	.19620	-6.58140
	GRADIENT	.00011	.09990	.44604	.21405	.03562	.00067	.00000	-.00000	.00615

RUN NO. 1722/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.121	-6.277	1.14950	738.79250	1678.59990	683.31080	100.40000	3.49290	-.06550	.19610	-6.13460
.028	-4.410	1.15070	739.26220	1682.20000	685.15380	100.50000	3.49990	-.06560	.19620	-4.28210
-.015	-.155	1.15100	736.41720	1676.39990	682.89140	100.70000	3.48620	-.06560	.19620	-.06400
.069	3.601	1.15030	738.28830	1679.29980	683.87080	100.50000	3.49370	-.06560	.19610	3.66020
.200	5.683	1.15220	737.08150	1680.59990	685.00020	100.50000	3.49690	-.06560	.19620	5.72610
	GRADIENT	-.00005	-.13361	-.38405	-.16833	.00103	-.00083	-.00000	-.00001	.99141

RUN NO. 1723/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.204	-5.630	1.15260	736.87990	1680.89990	685.23440	100.60000	3.49680	-.06560	.19630	6.63850
3.894	-3.652	1.15330	736.57450	1681.70000	685.78050	100.50000	3.49950	-.06570	.19630	4.96790
4.068	.198	1.15150	737.19260	1679.20000	684.18550	100.70000	3.49220	-.06560	.19620	3.77120
3.747	3.954	1.15320	736.87010	1682.09990	685.90330	100.50000	3.50030	-.06560	.19630	5.11750
4.058	5.906	1.15260	735.89970	1678.79980	684.39820	100.70000	3.49160	-.06560	.19630	6.80540
	GRADIENT	-.00002	.03937	.04965	.01435	.00022	.00010	.00001	-.00000	.01829

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M082) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1724/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.127	-6.146	1.25060	647.01050	1677.20000	708.30520	100.90000	3.49260	-.07030	.20640	-8.01540
-8.431	-3.962	1.25050	648.28170	1680.29980	709.59770	101.00000	3.49830	-.07020	.20640	-8.68380
-8.299	.356	1.24930	647.61330	1675.89990	707.51440	101.00000	3.48930	-.07020	.20620	-5.28290
-7.997	4.324	1.25060	647.79100	1679.39990	709.24900	101.00000	3.49640	-.07030	.20640	-6.66370
-7.766	6.322	1.24870	649.08640	1678.39990	708.45630	100.80000	3.49620	-.07020	.20610	-7.94750
	GRADIENT	.00001	-.06062	-.12196	-.04854	.00000	-.00026	-.00001	-.00000	.00715

RUN NO. 1725/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.227	-6.196	1.24690	650.67380	1676.39990	708.10640	100.90000	3.49550	-.07010	.20580	-6.64160
-4.421	-4.154	1.24870	648.69510	1677.50000	708.08790	100.80000	3.49430	-.07010	.20610	-4.93160
-4.124	.190	1.24990	648.28930	1679.00000	708.93750	100.80000	3.49730	-.07020	.20630	-2.34170
-4.002	4.336	1.24780	648.21880	1674.20000	706.51830	100.70000	3.48830	-.07010	.20600	-4.92250
-3.593	6.278	1.25230	646.10890	1678.70000	709.25980	100.70000	3.49720	-.07030	.20670	-6.54130
	GRADIENT	-.00010	-.05640	-.38287	-.18186	-.01169	-.00070	-.00000	-.00001	.00580

RUN NO. 1726/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.087	-6.291	1.25130	646.41410	1677.39990	708.53610	100.80000	3.49380	-.07030	.20650	-6.14060
.021	-4.409	1.25020	647.21000	1677.00000	708.16020	100.80000	3.49310	-.07030	.20640	-4.27550
.012	-.174	1.25380	643.06100	1674.09990	707.59080	100.70000	3.48750	-.07040	.20690	-.07820
.074	3.586	1.24900	646.15190	1671.39990	705.55350	100.70000	3.48240	-.07020	.20620	3.64890
.138	5.683	1.25100	647.68820	1680.00000	709.57520	100.70000	3.50010	-.07030	.20650	5.72720
	GRADIENT	-.00013	-.15008	-.70014	-.32204	-.01274	-.00134	.00001	-.00002	.99119

RUN NO. 1727/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
3.879	-3.613	1.25170	648.94950	1684.79980	711.73050	100.90000	3.50830	-.07030	.20660	4.92750
3.976	.206	1.24970	647.31520	1676.00000	707.63040	100.80000	3.49110	-.07020	.20630	3.68010
3.792	3.954	1.25110	646.61300	1677.29980	708.44210	100.80000	3.49360	-.07030	.20650	5.13610
4.034	5.907	1.25030	646.72050	1675.89990	707.71000	100.70000	3.49160	-.07020	.20640	6.79210
	GRADIENT	-.00008	-.30917	-.99534	-.43661	-.01326	-.00195	.00000	-.00001	.02645

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M083) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1788/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.129	-7.959	.59930	1752.79030	2234.39990	440.61790	99.10000	3.50050	.07730	.19630	-10.26530
-8.101	-3.864	.60400	1751.23100	2240.79980	447.26900	98.80000	3.53240	.07180	.19690	-7.41620
-8.138	.302	.60250	1751.28610	2238.20001	445.04270	98.80000	3.52220	.07350	.19670	-6.27420
-7.668	4.208	.60350	1750.85400	2239.39990	446.40310	99.50000	3.52250	.07240	.19680	-7.31910
-7.595	8.106	.60160	1750.92410	2236.09991	443.57620	99.80000	3.50700	.07460	.19660	-10.10360
	GRADIENT	-.00007	-.04604	-.17841	-.11200	.08576	-.00124	.00008	-.00001	.01493

RUN NO. 1789/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.220	-8.010	.60420	1750.83060	2240.50000	447.34470	99.60000	3.52600	.07170	.19690	-8.67590
-4.136	-3.940	.60440	1752.70261	2243.29980	448.16210	99.30000	3.53380	.07140	.19690	-5.03770
-3.986	.187	.60450	1751.51050	2242.00000	448.04660	99.20000	3.53310	.07120	.19690	-2.72330
-3.869	4.168	.60200	1752.19701	2238.39990	444.46510	99.80000	3.51220	.07410	.19660	-5.10830
-3.789	8.175	.60120	1751.23560	2235.79980	443.06910	100.10000	3.50260	.07500	.19650	-8.70190
	GRADIENT	-.00029	-.06374	-.60253	-.45333	.06114	-.00265	.00033	-.00004	-.00522

RUN NO. 1790/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.066	-8.128	.60150	1753.49930	2239.29980	444.15410	99.90000	3.51110	.07460	.19660	-8.13540
-.182	-4.270	.60050	1750.66820	2233.79980	441.85400	99.90000	3.49810	.07590	.19640	-4.29580
-.187	-.042	.60320	1751.55710	2239.79980	446.16360	100.00000	3.51790	.07270	.19680	-.08700
-.136	3.798	.60000	1752.26930	2235.00000	441.54980	100.10000	3.49640	.07640	.19640	3.73080
-.044	7.829	.59970	1751.39059	2233.29980	440.84160	100.20000	3.49160	.07680	.19630	7.74300
	GRADIENT	-.00005	.19865	.17000	-.02003	.02477	-.00013	.00005	.00000	.99487

RUN NO. 1791/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.492	-7.720	.60110	1751.63380	2236.20001	443.07890	100.20000	3.50210	.07510	.19650	8.63790
4.174	-3.822	.60170	1750.52390	2235.79980	443.65210	99.80000	3.50710	.07450	.19660	5.45700
4.130	.194	.60300	1751.46609	2239.29980	445.81860	100.00000	3.51630	.07290	.19670	4.16810
3.831	4.106	.60000	1752.07230	2234.70001	441.45920	100.00000	3.49660	.07650	.19640	5.48110
3.876	7.963	.60320	1751.55930	2239.70001	446.07790	100.20000	3.51600	.07280	.19680	8.63100
	GRADIENT	-.00021	.19548	-.13420	-.27295	.02534	-.00131	.00025	-.00003	.00159

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M083) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1792/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
8.217	-7.807	.60060	1752.34740	2236.09991	442.40990	100.20000	3.49960	.07580	.19640	10.69140
8.180	-3.768	.60080	1750.95390	2234.70001	442.37600	100.10000	3.49910	.07550	.19650	8.36040
7.798	.157	.60290	1750.87740	2238.29980	445.46120	100.40000	3.51090	.07310	.19670	7.28350
8.110	4.127	.60180	1752.69870	2238.70001	444.30590	100.50000	3.50630	.07440	.19660	8.50130
7.914	7.991	.60120	1753.01660	2238.09991	443.54170	100.50000	3.50300	.07500	.19650	10.65860
	GRADIENT	.00013	.22147	.50593	.24345	.05062	.00091	-.00014	.00001	.01840

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1793/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.254	-5.972	.80010	1233.57230	1880.50000	552.72630	100.80000	3.49780	-.03830	.20400	-8.48910
-8.375	-3.379	.79920	1231.52640	1875.79980	550.63920	100.50000	3.48970	-.03820	.20410	-7.21000
-8.271	.256	.79890	1232.12840	1876.09990	550.45140	100.40000	3.49030	-.03810	.20410	-5.91640
-8.003	4.260	.79900	1233.89920	1879.09990	551.46750	100.30000	3.49700	-.03810	.20410	-7.20000
-7.764	6.239	.80020	1231.00200	1876.89990	551.81010	100.10000	3.49710	-.03840	.20400	-8.40020
	GRADIENT	-.00003	.28944	.40077	.09972	-.02456	.00089	.00001	-.00000	.00550

RUN NO. 1794/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.270	-6.118	.79940	1230.92940	1875.20000	550.60130	100.10000	3.49210	-.03820	.20410	-6.77800
-4.328	-3.968	.79910	1232.71359	1877.39990	551.01560	100.10000	3.49550	-.03810	.20410	-4.94780
-4.146	.198	.79910	1232.81320	1877.50000	551.02200	100.20000	3.49490	-.03810	.20410	-2.60750
-3.923	4.259	.79790	1232.74899	1875.29980	549.43600	100.20000	3.48840	-.03790	.20410	-5.00840
-3.635	6.217	.79680	1235.34790	1877.20000	549.07200	100.10000	3.49030	-.03770	.20410	-6.66970
	GRADIENT	-.00015	.00439	-.25408	-.19118	.01221	-.00087	.00002	-.00000	-.00492

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1795/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.087	-6.223	.79890	1232.12669	1876.20000	550.52660	100.20000	3.49220	-.03810	.20410	-6.11950
-.167	-4.392	.79950	1233.98540	1880.00000	552.07520	100.10000	3.50120	-.03820	.20410	-4.29830
-.179	-.301	.80000	1231.70020	1877.50000	551.77930	100.10000	3.49770	-.03830	.20400	-.23290
-.117	3.646	.79880	1233.61079	1878.20000	550.99730	100.10000	3.49640	-.03810	.20410	3.68820
-.009	5.709	.80010	1232.68159	1879.29980	552.44380	100.10000	3.50140	-.03830	.20400	5.74150
	GRADIENT	-.00009	-.04973	-.22631	-.13373	-.00000	-.00060	.00001	-.00000	.99364

RUN NO. 1796/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.180	-5.691	.79970	1231.60910	1876.89990	551.39720	99.90000	3.49770	-.03830	.20410	6.78090
3.888	-3.685	.79990	1233.87399	1880.59990	552.59500	100.00000	3.50400	-.03830	.20400	5.12080
4.047	.204	.79910	1232.21950	1876.70000	550.83370	100.10000	3.49440	-.03810	.20410	3.98430
3.769	4.003	.80010	1232.78300	1879.29980	552.37500	100.10000	3.50120	-.03830	.20400	5.30240
4.011	5.985	.80060	1232.37331	1879.59990	552.87550	100.00000	3.50370	-.03840	.20400	6.95710
	GRADIENT	.00003	-.14301	-.17235	-.03027	.01306	-.00037	.00000	.00000	.02239

RUN NO. 1797/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.147	-5.673	.79940	1231.91600	1876.70000	551.04030	100.10000	3.49490	-.03820	.20410	7.83760
6.047	-3.712	.79930	1233.29880	1878.70000	551.57980	100.10000	3.49850	-.03820	.20410	6.59070
5.998	.214	.79860	1233.81490	1878.09990	550.78420	100.30000	3.49410	-.03800	.20410	5.54480
5.599	4.007	.79890	1232.62080	1876.89990	550.70850	100.20000	3.49340	-.03810	.20410	6.45970
5.850	5.968	.80120	1230.08470	1877.29980	552.72900	100.10000	3.50000	-.03860	.20400	7.87370
	GRADIENT	-.00005	-.08657	-.23275	-.11340	.01318	-.00066	.00001	-.00000	-.01842

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (U8M085) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1798/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.369	-6.030	.90000	1055.81270	1785.70000	598.64600	100.00000	3.50550	-.05180	.20010	-8.41720
-8.340	-3.919	.90320	1055.52660	1791.50000	602.79570	100.00000	3.52170	-.05200	.19990	-7.02660
-8.288	.315	.90110	1052.72881	1782.70000	598.41920	100.00000	3.50130	-.05190	.20000	-5.73020
-7.928	4.250	.89970	1054.54050	1783.00000	597.54790	100.10000	3.49900	-.05170	.20010	-6.97550
-7.806	6.238	.90050	1055.01151	1785.29980	598.84790	100.20000	3.50380	-.05180	.20010	-8.26230
	GRADIENT	-.00043	-.12752	-1.05356	-.64750	.01209	-.00280	.00004	.00002	.01004

RUN NO. 1799/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.211	-6.115	.90000	1053.05620	1781.00000	597.05710	100.40000	3.49300	-.05180	.20010	-6.69180
-4.438	-4.086	.89810	1056.15919	1782.70000	596.37700	100.20000	3.49520	-.05160	.20020	-5.01550
-4.147	.189	.89840	1054.37959	1780.20000	595.71880	100.30000	3.48990	-.05170	.20020	-2.50620
-3.981	4.287	.89950	1056.12260	1785.20000	598.11790	100.30000	3.50130	-.05180	.20010	-4.99320
-3.657	6.236	.89860	1054.66890	1781.09990	596.16500	100.40000	3.49120	-.05160	.20010	-6.62860
	GRADIENT	.00017	-.00733	.29223	.20531	.01202	.00071	-.00002	-.00001	.00686

RUN NO. 1800/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.064	-6.244	.90000	1053.64549	1782.09990	597.46220	100.40000	3.49530	-.05180	.20010	-6.12450
-.152	-4.404	.90090	1053.62230	1783.70000	598.57470	100.40000	3.49970	-.05190	.20000	-4.29480
-.183	-.111	.90040	1053.14400	1781.89990	597.62300	100.30000	3.49620	-.05180	.20010	-.03110
-.116	3.620	.89640	1057.38890	1781.39990	594.74730	100.30000	3.48920	-.05150	.20020	3.67210
-.014	5.700	.89710	1060.42310	1787.79980	597.34130	100.40000	3.50200	-.05150	.20020	5.74040
	GRADIENT	-.00055	.45494	-.28999	-.47065	-.01273	-.00130	.00005	.00002	.99297

RUN NO. 1801/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.166	-5.675	.89920	1055.54050	1783.59990	597.36470	100.30000	3.49770	-.05170	.20010	6.73420
4.123	-3.709	.89930	1054.94530	1782.89990	597.23800	100.30000	3.49660	-.05170	.20010	5.24770
4.062	.201	.89940	1055.63130	1784.29980	597.79200	100.30000	3.49950	-.05170	.20010	3.95300
3.760	3.977	.89860	1057.13010	1785.29980	597.58640	99.70000	3.50510	-.05170	.20010	5.24930
4.024	5.974	.89880	1053.87500	1780.20000	596.01950	99.90000	3.49380	-.05170	.20010	6.93250
	GRADIENT	-.00009	.28362	.31251	.04589	-.07761	.00110	-.00000	.00000	-.00165

IA105A, AEDC PWT-TF470, O T S W0/SILTS (U8M086) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1802/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.296	-6.001	.94970	980.68070	1752.39990	619.21070	101.00000	3.49850	-.05540	.19770	-8.28130
-8.353	-3.928	.94710	981.04300	1747.89990	616.03560	100.50000	3.49040	-.05520	.19780	-6.95650
-8.303	.333	.95180	977.57910	1750.89990	619.92040	100.50000	3.50200	-.05550	.19760	-5.64060
-8.005	4.279	.94520	982.17480	1746.09990	614.21780	100.40000	3.48520	-.05510	.19790	-6.96850
-7.775	6.237	.94610	984.41480	1751.79980	616.75710	100.60000	3.49610	-.05520	.19790	-8.19240
	GRADIENT	-.00021	.12532	-.20710	-.20650	-.01202	-.00059	.00001	.00001	.00264

RUN NO. 1803/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.233	-6.157	.94950	977.34350	1745.89990	616.74900	100.40000	3.49000	-.05540	.19770	-6.70780
-4.407	-4.087	.94790	983.08960	1753.00000	618.28270	100.40000	3.50230	-.05530	.19780	-4.97910
-4.122	.186	.94980	979.59840	1750.50000	618.54980	100.40000	3.49960	-.05540	.19770	-2.45730
-3.963	4.263	.94770	980.53540	1748.20000	616.51390	100.70000	3.49010	-.05530	.19780	-4.94170
-3.657	6.258	.94900	980.79880	1751.09990	618.28690	101.00000	3.49500	-.05540	.19780	-6.63060
	GRADIENT	-.00002	-.30997	-.57495	-.20965	.03564	-.00145	-.00000	-.00000	.00914

RUN NO. 1804/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.003	-6.253	.94920	979.41550	1749.09990	617.72510	101.00000	3.49130	-.05540	.19770	-6.12550
-.077	-4.405	.95040	980.76150	1753.89990	620.15700	101.00000	3.50230	-.05550	.19770	-4.28970
-.130	-.135	.94710	980.35550	1746.59990	615.55420	100.60000	3.48690	-.05520	.19780	-.05290
-.050	3.616	.95280	977.35790	1752.39990	621.03000	100.50000	3.50610	-.05560	.19760	3.66830
.034	5.698	.94820	980.52340	1749.09990	617.11600	100.50000	3.49410	-.05530	.19780	5.73710
	GRADIENT	.00027	-.41678	-.22196	.08160	-.06306	.00038	-.00001	-.00001	.99216

RUN NO. 1805/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.170	-5.661	.94690	980.85230	1747.09990	615.61130	100.40000	3.48930	-.05520	.19790	6.70640
3.873	-3.675	.95040	979.77980	1752.00000	619.44090	100.30000	3.50410	-.05550	.19770	5.05090
4.062	.195	.94630	983.42530	1750.50000	616.44260	100.80000	3.49210	-.05520	.19790	3.93570
3.743	3.969	.94760	983.09770	1752.39990	617.88130	100.40000	3.50070	-.05530	.19780	5.21490
4.058	5.961	.94950	979.50560	1749.89990	618.20430	100.30000	3.49890	-.05540	.19770	6.91350
	GRADIENT	-.00037	.43620	.05045	-.20644	.01357	-.00046	.00003	.00001	.02014

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M087) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1806/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.321	-6.097	1.04890	848.55180	1702.00000	653.43680	100.50000	3.49340	-.06080	.19450	-8.17040
-8.347	-3.964	1.04820	849.94020	1703.39990	653.66330	100.50000	3.49580	-.06080	.19450	-6.76700
-8.327	.330	1.04880	849.04320	1702.89990	653.76290	100.50000	3.49530	-.06080	.19450	-5.42100
-8.030	4.294	1.04870	848.94850	1702.39990	653.50150	100.40000	3.49490	-.06080	.19450	-6.77300
-7.708	6.307	1.04930	848.05150	1701.89990	653.60080	100.40000	3.49440	-.06080	.19450	-8.03340
	GRADIENT	.00006	-.12132	-.12104	-.01900	-.01194	-.00011	.00000	-.00000	.00361

RUN NO. 1807/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.185	-6.187	1.05060	847.43530	1703.29980	654.72830	100.40000	3.49810	-.06090	.19440	-6.66770
-4.454	-4.130	1.05140	846.04370	1702.20000	654.68330	100.50000	3.49560	-.06090	.19440	-4.95690
-4.130	.180	1.05030	848.61790	1705.20000	655.35210	100.60000	3.50020	-.06090	.19440	-2.37610
-3.976	4.297	1.04840	849.83760	1703.59990	653.83110	100.70000	3.49480	-.06080	.19450	-4.91240
-3.623	6.284	1.05010	846.85620	1701.20000	653.71220	100.40000	3.49350	-.06080	.19440	-6.57840
	GRADIENT	-.00036	.45136	.17026	-.09913	.02373	-.00009	.00001	.00001	.00991

RUN NO. 1808/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.101	-6.281	1.05420	845.59200	1707.00000	657.79440	100.40000	3.50810	-.06110	.19440	-6.13760
.026	-4.399	1.05170	845.54690	1701.79980	654.66280	100.50000	3.49500	-.06090	.19440	-4.27300
-.014	-.156	1.04750	850.24950	1702.59990	653.03690	100.60000	3.49290	-.06070	.19450	-.06680
.062	3.603	1.05080	848.50900	1706.00000	655.88670	100.40000	3.50380	-.06090	.19440	3.65970
.172	5.686	1.05070	847.53030	1703.79980	654.98930	100.60000	3.49760	-.06090	.19440	5.72610
	GRADIENT	-.00013	.38597	.51768	.14147	-.01172	.00107	.00000	.00000	.99132

RUN NO. 1809/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.190	-5.639	1.04810	849.74510	1702.89990	653.44700	100.60000	3.49400	-.06070	.19450	6.64630
3.873	-3.641	1.04700	851.63350	1704.39990	653.50810	100.50000	3.49710	-.06070	.19450	4.95590
4.055	.200	1.05120	846.83280	1703.39990	655.05860	100.60000	3.49710	-.06090	.19440	3.79000
3.757	3.963	1.05260	846.60690	1705.79980	656.61550	100.50000	3.50380	-.06090	.19440	5.13610
4.078	5.923	1.05050	844.88550	1698.00000	652.65190	100.40000	3.48720	-.06090	.19440	6.82100
	GRADIENT	.00074	-.66306	.18258	.40864	.00009	.00088	-.00003	-.00001	.02258

IA105A, AEDC PWT-TF470, O T S W0/SILTS (USM088) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = 11.000

RUN NO. 1810/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-8.216	-6.066	1.09930	790.05200	1685.50000	668.37740	100.90000	3.48520	-.06320	.19440	-8.06240
-8.376	-3.983	1.10000	793.07760	1693.39990	671.77810	101.00000	3.50100	-.06320	.19440	-6.73790
-8.003	4.302	1.10470	792.10570	1701.20000	676.68700	100.70000	3.52170	-.06340	.19450	-6.72590
-7.745	6.329	1.09930	792.50390	1690.59990	670.37570	100.90000	3.49570	-.06320	.19440	-8.01940
	GRADIENT	.00057	-.11731	.94148	.59251	-.03621	.00250	-.00002	.00001	.00145

RUN NO. 1811/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-4.191	-6.199	1.10150	790.50070	1691.00000	671.39870	100.90000	3.49760	-.06330	.19450	-6.65870
-4.439	-4.139	1.10110	791.58640	1692.50000	671.84280	101.00000	3.49970	-.06320	.19450	-4.93870
-4.146	.185	1.10100	791.00150	1690.89990	671.14330	101.00000	3.49630	-.06330	.19450	-2.37810
-4.002	4.315	1.09850	792.12740	1688.09990	669.06910	101.00000	3.48940	-.06310	.19440	-4.94070
-3.581	6.304	1.09830	792.81590	1689.29980	669.49490	101.00000	3.49180	-.06310	.19440	-6.59650
	GRADIENT	-.00031	.06244	-.51930	-.32679	.00000	-.00121	.00001	-.00001	.00439

RUN NO. 1812/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.124	-6.274	1.09870	791.63210	1687.59990	668.97440	101.20000	3.48680	-.06320	.19440	-6.13250
.026	-4.391	1.09930	793.28780	1692.29980	671.05490	101.10000	3.49760	-.06320	.19440	-4.26790
-.033	-.165	1.10090	792.47310	1693.89990	672.30710	101.00000	3.50250	-.06330	.19450	-.07590
.047	3.598	1.10290	786.94560	1686.29980	670.06570	101.00000	3.48770	-.06340	.19450	3.65700
.143	5.690	1.10070	790.41850	1689.09990	670.32690	101.00000	3.49240	-.06330	.19440	5.73160
	GRADIENT	.00045	-.78158	-.72795	-.11524	-.01274	-.00119	-.00003	.00001	.99196

RUN NO. 1813/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
4.210	-5.637	1.09930	791.52270	1688.59990	669.59990	100.90000	3.49160	-.06320	.19440	6.64300
3.898	-3.651	1.09810	792.72340	1688.50000	669.06570	101.00000	3.49000	-.06310	.19440	4.95810
4.051	.198	1.09930	792.11130	1683.79980	670.06540	101.10000	3.49240	-.06320	.19440	3.78140
3.758	3.948	1.09940	790.44360	1686.39990	668.74630	101.10000	3.48540	-.06320	.19440	5.13720
4.083	5.916	1.10110	790.21390	1689.59990	670.69800	101.00000	3.49370	-.06330	.19450	6.83220
	GRADIENT	.00017	-.29939	-.27369	-.04072	.01322	-.00060	-.00001	-.00000	.02214

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (U8M089) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1957/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.983	-89.944	.94670	980.66020	1746.39990	615.25370	99.70000	3.49330	-.05520	.19790	-6.21290
-5.991	.021	.94710	981.33960	1748.29980	616.13670	99.70000	3.49760	-.05520	.19780	-6.22100
-5.998	90.006	.94800	981.31570	1750.09990	617.34110	99.60000	3.50310	-.05530	.19780	-6.22800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1958/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.001	-89.999	.94660	981.44970	1747.59990	615.61250	99.70000	3.49560	-.05520	.19790	-.23110
-.005	.007	.94720	980.05860	1746.20000	615.45310	99.40000	3.49590	-.05520	.19780	-.23460
.009	90.019	.94970	979.89530	1750.89990	618.65110	99.60000	3.50680	-.05540	.19770	-.22100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1959/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
5.991	-89.972	.94940	980.98560	1752.20000	618.91110	99.60000	3.50900	-.05540	.19770	5.76140
6.011	.010	.95050	979.77590	1752.29980	619.64110	99.70000	3.50970	-.05550	.19770	5.78120
6.007	90.019	.94890	980.30860	1750.09990	617.89530	99.70000	3.50340	-.05540	.19780	5.77680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (U8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1960/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.996	-89.917	.94630	982.93360	1749.59990	616.11790	100.10000	3.49600	-.05520	.19790	-6.22600
-5.992	.015	.94960	981.07690	1752.89990	619.32350	100.10000	3.50660	-.05540	.19770	-6.22200
-6.000	90.006	.95240	978.05620	1752.89990	620.97830	100.40000	3.50750	-.05560	.19760	-6.23000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1961/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.001	-90.013	.94630	980.86690	1746.00000	614.87450	100.00000	3.48960	-.05520	.19790	-.22900
.001	.006	.94900	979.52030	1748.79980	617.46920	100.30000	3.49600	-.05540	.19780	-.22860
.010	90.019	.94990	979.79030	1751.20000	618.90670	100.10000	3.50360	-.05540	.19770	-.22010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M091) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1948/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-6.001	-89.972	1.09890	791.92360	1688.50000	669.38280	99.80000	3.50010	-.06320	.19440	-6.23100
-6.014	-.281	1.09720	793.23000	1687.79980	668.45630	99.70000	3.49870	-.06310	.19440	-6.24410
-5.998	90.073	1.09960	792.10500	1690.50000	670.47530	99.80000	3.50460	-.06320	.19440	-6.22800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1949/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.001	-89.999	1.09790	791.45190	1685.50000	667.82250	99.90000	3.49270	-.06310	.19440	-.23150
-.003	-.014	1.10030	790.62210	1688.70000	670.01390	99.80000	3.50120	-.06320	.19440	-.23320
.010	90.046	1.10000	791.99930	1691.09990	670.86600	99.90000	3.50530	-.06320	.19440	-.22010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1950/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.000	-89.985	1.09970	790.33890	1686.89990	669.07890	99.80000	3.49720	-.06320	.19440	5.77020
5.998	-.018	1.09640	794.52050	1688.79980	668.52510	100.00000	3.49800	-.06300	.19440	5.76800
6.006	90.019	1.10060	791.98900	592.20000	671.50980	100.10000	3.50610	-.06320	.19440	5.77570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M092) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1951/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-6.002	-89.972	1.09990	793.07960	1693.20000	671.66090	100.00000	3.50870	-.06320	.19440	-6.23200
-6.005	-.017	1.10320	791.93820	1697.70000	674.72390	100.10000	3.51880	-.06340	.19450	-6.23500
-6.002	90.033	1.09800	792.13570	1687.20000	668.54150	99.80000	3.49710	-.06320	.19440	-6.23200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1952/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.004	-90.013	1.10250	790.58030	1693.20000	672.64480	100.10000	3.50910	-.06330	.19450	-.23410
.014	90.033	1.09770	790.28000	1682.50000	666.53980	99.90000	3.48630	-.06310	.19440	-.21570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1953/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
5.936	-89.985	1.09530	789.54200	1675.89990	662.98290	100.30000	3.46830	-.06300	.19440	5.76580
6.008	.011	1.10170	788.43850	1687.00000	669.88600	100.40000	3.49340	-.06330	.19450	5.77790
6.036	89.979	1.09980	788.86720	1683.89990	667.91500	100.40000	3.48610	-.06320	.19440	5.80650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 6.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1954/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.998	-89.985	1.10400	794.17800	1704.09990	677.55880	100.00000	3.53320	-.06340	.19450	-6.22800
-5.997	.006	1.09980	794.35600	1695.70000	672.61110	100.00000	3.51390	-.06320	.19440	-6.22700
-5.999	90.033	1.10140	791.97340	1693.89990	672.50420	99.90000	3.51170	-.06330	.19450	-6.22900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1955/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.004	-90.027	1.10050	792.77490	1693.70000	672.07200	100.10000	3.50920	-.06320	.19440	-.23370
-.001	.006	1.09680	794.21850	1689.00000	668.76220	100.00000	3.49860	-.06310	.19440	-.23090
.011	90.046	1.09670	792.16110	1684.50000	666.95730	99.80000	3.49080	-.06310	.19440	-.21900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1956/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.000	-89.972	1.09780	792.04150	1686.59990	668.22920	100.10000	3.49330	-.06310	.19440	5.77020
5.993	-.004	1.09570	793.06300	1684.29980	666.48050	100.00000	3.48830	-.06300	.19440	5.76250
5.996	90.019	1.09930	791.91530	1689.39990	669.91020	100.30000	3.49810	-.06320	.19440	5.76580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1945/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.963	-89.972	1.40430	531.93600	1703.09990	734.32690	97.00000	3.52530	-.08610	.24710	-6.19280
-6.005	.077	1.40290	532.63210	1701.89990	733.79370	96.90000	3.52440	-.08580	.24660	-6.23500
-5.991	90.033	1.40430	531.35110	1701.29980	733.55130	96.90000	3.52240	-.08610	.24710	-6.22100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1946/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
.004	-90.040	1.40220	533.32060	1702.50000	734.04390	99.00000	3.50840	-.08570	.24630	-.22600
-.006	-.014	1.40390	531.25760	1700.00000	732.98630	97.10000	3.51820	-.08600	.24700	-.23630
-.188	90.019	1.40290	532.14450	1700.39990	733.14720	96.80000	3.52220	-.08580	.24660	-.41830
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1947/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.003	-89.972	1.40180	533.22730	1701.20000	733.47830	99.20000	3.50430	-.08560	.24620	5.77350
6.002	.072	1.40130	533.03760	1699.29980	732.65160	99.50000	3.49820	-.08550	.24600	5.77240
5.996	90.019	1.40050	533.72750	1699.59990	732.76980	99.50000	3.49920	-.08530	.24570	5.76580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M095) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 1.000

RUN NO. 2018/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.984	-89.994	.79920	1230.14700	1873.59990	549.94820	97.20000	3.51200	-.03810	.20410	-6.21370
-6.007	.019	.80000	1230.90919	1876.39990	551.50320	98.30000	3.51030	-.03830	.20400	-6.23680
-6.006	90.011	.79960	1230.23120	1874.59990	550.63210	98.70000	3.50280	-.03820	.20410	-6.23580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2019/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.001	-90.007	.79970	1235.35989	1882.50000	552.99050	99.90000	3.50800	-.03820	.20410	-.23050
-.001	.038	.79980	1231.40840	1876.79980	551.45970	98.50000	3.50900	-.03830	.20400	-.23120
-.187	90.159	.79970	1230.03220	1874.39990	550.61940	98.50000	3.50420	-.03830	.20410	-.41660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2020/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.012	-89.980	.79940	1233.49460	1879.09990	551.74290	100.00000	3.50020	-.03820	.20410	5.78250
5.977	.014	.79960	1232.79640	1878.50000	551.77370	100.10000	3.49880	-.03820	.20410	5.74730
6.008	90.025	.79970	1232.59740	1878.29980	551.76120	99.90000	3.50010	-.03820	.20410	5.77810
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M096) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2021/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.997	-89.966	.80000	1230.71359	1876.00000	551.34010	100.20000	3.49410	-.03830	.20400	-6.22680
-5.999	.008	.79660	1234.96170	1876.09990	548.51980	100.20000	3.48680	-.03760	.20410	-6.22880
-6.007	90.025	.80000	1231.79980	1877.59990	551.78560	100.30000	3.49620	-.03830	.20400	-6.23680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2022/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.004	-89.994	.79970	1233.18770	1879.29980	552.09990	100.30000	3.49890	-.03820	.20410	-.23440
.006	.020	.79950	1233.29221	1879.09990	551.88060	100.30000	3.49810	-.03820	.20410	-.22360
-.004	90.173	.79960	1233.29050	1879.20000	551.95580	100.30000	3.49840	-.03820	.20410	-.23450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2023/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.014	-89.994	.80000	1232.68510	1879.09990	552.29350	100.20000	3.50000	-.03830	.20400	5.78360
5.976	-.012	.79980	1232.98711	1879.20000	552.16210	100.30000	3.49900	-.03830	.20400	5.74620
5.998	90.038	.80030	1232.87399	1879.89990	552.75710	100.30000	3.50130	-.03840	.20400	5.76820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2024/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.989	-89.966	.95000	975.16670	1743.00000	616.02830	99.30000	3.49370	-.05540	.19770	-6.21880
-6.014	-.197	.94980	974.77860	1741.89990	615.51490	99.20000	3.49210	-.05540	.19770	-6.24390
-6.000	90.025	.94980	980.77730	1752.70000	619.35570	99.20000	3.51380	-.05540	.19770	-6.22980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2025/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.002	-89.994	.95000	976.24930	1744.89990	616.68920	98.90000	3.50070	-.05540	.19770	-.23220
-.002	.001	.94990	976.54470	1745.39990	616.85720	99.00000	3.50090	-.05540	.19770	-.23200
-.009	90.213	.95010	978.99950	1750.09990	618.61430	99.00000	3.51050	-.05540	.19770	-.23940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2026/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
5.996	-90.007	.94960	981.56840	1753.79980	619.64820	100.10000	3.50850	-.05540	.19770	5.76600
5.987	-.011	.94970	979.59960	1750.39990	618.48290	100.10000	3.50170	-.05540	.19770	5.75720
6.006	90.025	.94980	978.81150	1749.09990	618.05690	100.20000	3.49840	-.05540	.19770	5.77590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M098) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 1.000

RUN NO. 1869/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.994	-100.027	1.40280	533.50980	1704.50000	734.91360	99.40000	3.50890	-.08580	.24650	-6.22400
-5.973	-89.985	1.40010	535.09570	1703.00000	734.23000	100.40000	3.49900	-.08530	.24550	-6.20290
-6.005	-60.074	1.39860	536.18020	1703.39990	734.38230	100.60000	3.49880	-.08500	.24500	-6.23500
-6.003	-30.094	1.39620	536.98510	1699.79980	732.78490	100.50000	3.49370	-.08450	.24410	-6.23300
-6.003	-.006	1.39900	536.66060	1706.59990	735.77320	100.50000	3.50590	-.08510	.24530	-6.23300
-6.005	30.045	1.40270	533.12060	1703.09990	734.30910	100.70000	3.49530	-.08580	.24650	-6.23500
-6.006	59.943	1.40140	533.71800	1701.89990	733.77510	100.80000	3.49260	-.08550	.24600	-6.23600
-5.992	90.033	1.40200	534.29760	1705.00000	735.11870	100.90000	3.49790	-.08560	.24620	-6.22200
-6.071	100.095	1.40080	534.30910	1702.20000	733.89530	99.90000	3.50110	-.08540	.24580	-6.30130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (U8M099) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 2.000

RUN NO. 1874/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.978	-99.959	1.39770	533.75460	1693.00000	729.87960	99.60000	3.48640	-.08480	.24460	-6.20790
-6.002	-90.027	1.39660	535.42210	1695.70000	731.02390	99.70000	3.49170	-.08460	.24420	-6.23200
-5.998	-60.179	1.40060	534.60380	1702.59990	734.06470	99.70000	3.50370	-.08540	.24570	-6.22800
-6.010	-30.084	1.40180	533.90940	1703.39990	734.42680	99.80000	3.50380	-.08560	.24620	-6.24010
-6.008	-.029	1.40230	534.29440	1705.79980	735.46780	99.60000	3.51020	-.08570	.24640	-6.23810
-6.000	30.009	1.40070	534.70000	1703.20000	734.32500	99.80000	3.50400	-.08540	.24570	-6.23000
-6.005	59.929	1.39840	535.50200	1700.29980	733.03930	99.70000	3.50020	-.08500	.24490	-6.23500
-5.991	90.100	1.40170	533.81270	1702.89990	734.21020	99.80000	3.50280	-.08560	.24610	-6.22100
-5.994	99.929	1.40360	532.42990	1703.00000	734.27640	99.60000	3.50370	-.08590	.24690	-6.22400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1870/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.002	-99.795	1.40260	533.90160	1705.29980	735.25610	100.60000	3.50060	-.08570	.24650	-.23220
.006	-89.792	1.40460	533.88230	1710.00000	737.30490	100.60000	3.50910	-.08620	.24720	-.22420
-.001	-59.810	1.40330	534.38210	1708.50000	736.64430	100.60000	3.50680	-.08590	.24670	-.23120
-.001	-30.014	1.40180	534.59180	1705.50000	735.33180	100.50000	3.50230	-.08560	.24620	-.23050
-.003	-.026	1.40080	534.79590	1703.89990	734.62920	100.40000	3.50040	-.08540	.24580	-.23330
-.003	30.009	1.40100	534.01460	1701.79980	733.72610	100.10000	3.49850	-.08540	.24590	-.23310
-.000	60.043	1.40030	534.21660	1700.70000	733.24150	99.20000	3.50410	-.08530	.24560	-.23010
-.002	90.006	1.40170	534.20260	1704.09990	734.72730	99.20000	3.51030	-.08560	.24610	-.23180
.003	99.967	1.40210	534.49100	1706.00000	735.55180	99.20000	3.51400	-.08560	.24630	-.22700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1875/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.006	-100.000	1.39970	534.02780	1698.59990	732.32640	99.80000	3.49510	-.08520	.24530	5.77570
5.999	-90.123	1.40030	536.36040	1707.59990	736.21680	99.80000	3.51330	-.08530	.24560	5.76910
6.010	-60.179	1.40190	535.27290	1707.89990	736.36780	99.80000	3.51300	-.08560	.24620	5.78010
6.008	-30.112	1.40100	534.11250	1702.00000	733.81150	99.60000	3.50310	-.08540	.24580	5.77790
5.996	-.186	1.40040	534.02050	1700.39990	733.11400	99.70000	3.49930	-.08530	.24560	5.76580
5.989	30.038	1.40150	534.78930	1705.50000	735.32840	99.70000	3.50910	-.08550	.24610	5.75920
5.999	60.029	1.40130	535.37620	1706.79980	735.88550	99.70000	3.51190	-.08550	.24600	5.76910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (U8M100) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 3.000

RUN NO. 1873/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-5.977	-99.945	1.39870	535.10940	1699.70000	732.78520	99.70000	3.49880	-.08500	.24500	-6.20690
-6.002	-90.027	1.39990	534.22000	1699.89990	732.89140	99.60000	3.49930	-.08530	.24550	-6.23200
-5.998	-60.186	1.39860	534.91550	1698.79980	732.39530	99.60000	3.49780	-.08500	.24490	-6.22800
-6.014	-30.087	1.39730	535.70750	1698.29980	732.15800	99.60000	3.49750	-.08470	.24450	-6.24410
-6.004	-.057	1.40120	534.40260	1703.50000	734.46170	99.60000	3.50600	-.08550	.24590	-6.23400
-6.003	29.994	1.40490	533.09990	1708.20000	736.53170	99.70000	3.51280	-.08620	.24730	-6.23300
-5.998	59.972	1.40360	532.43040	1702.89990	734.23270	99.70000	3.50260	-.08590	.24680	-6.22800
-5.999	90.087	1.39980	533.34450	1696.70000	731.50900	99.50000	3.49370	-.08520	.24540	-6.22900
-5.999	99.942	1.39620	536.01070	1696.59990	731.40430	99.70000	3.49380	-.08450	.24400	-6.22900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1872/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
-.000	-99.809	1.39900	535.78810	1702.70000	734.08420	99.80000	3.50390	-.08510	.24510	-.23030
-.004	-89.779	1.40270	533.21900	1703.20000	734.35110	99.70000	3.50380	-.08570	.24650	-.23440
.001	-59.845	1.40050	534.89720	1703.29980	734.36500	99.60000	3.50600	-.08540	.24570	-.22900
.001	-30.007	1.40070	534.89450	1703.89990	734.62720	99.60000	3.50710	-.08540	.24570	-.22900
-.000	.018	1.40350	533.30830	1705.50000	735.35280	99.70000	3.50800	-.08590	.24680	-.23010
-.001	30.038	1.40290	533.99660	1706.20000	735.64720	99.80000	3.50900	-.08580	.24660	-.23090
-.000	60.058	1.40100	535.08640	1705.29980	735.23560	99.70000	3.50900	-.08550	.24590	-.23030
-.000	90.006	1.39970	534.61230	1700.50000	733.14600	99.50000	3.50150	-.08520	.24540	-.23010
.003	99.916	1.39980	533.05200	1695.79980	731.12130	99.70000	3.49010	-.08520	.24540	-.22690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1871/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	MACH	P	PT	Q(PSF)	TT	RN/L	AFA	BFA	ALFC
6.003	-100.000	1.40220	533.61300	1703.39990	734.43190	99.70000	3.50440	-.08570	.24630	5.77350
5.997	-90.013	1.39950	535.88110	1704.09990	734.69530	99.80000	3.50660	-.08520	.24530	5.76690
6.006	-60.179	1.40400	534.76510	1711.39990	737.90230	99.80000	3.51900	-.08600	.24700	5.77570
6.007	-30.139	1.40380	535.35210	1712.70000	738.46020	99.80000	3.52130	-.08600	.24690	5.77680
6.006	-.089	1.40470	532.71220	1706.39990	735.75340	99.70000	3.50920	-.08510	.24720	5.77570
5.998	30.016	1.40220	532.05400	1698.39990	732.27590	99.70000	3.49420	-.08560	.24630	5.76800
6.001	59.957	1.40080	533.91870	1701.09990	733.42190	99.70000	3.50050	-.08540	.24580	5.77130
5.996	89.938	1.40020	536.26370	1707.09990	736.00000	99.70000	3.51320	-.08530	.24560	5.76580
5.998	99.891	1.40410	535.34910	1713.39990	738.76540	99.80000	3.52310	-.08600	.24700	5.76800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M001) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1770/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.335	-6.107	-8.09250	-6.20420	-8.11600	-5.98800	-8.11600	-5.98800	7.82000	-6.87960
-8.407	-3.968	-8.18960	-4.11080	-8.15150	-3.96400	-8.15150	-3.96400	7.82000	-6.87960
-8.312	.383	-8.23270	.13490	-8.13980	.13360	-8.13980	.13360	7.82000	-6.87960
-8.048	4.365	-8.12970	4.11730	-8.07810	3.98700	-8.07810	3.98700	7.82000	-6.87960
-7.669	6.335	-7.80020	6.11040	-7.79340	5.92670	-7.79340	5.92670	7.82000	-6.87960
	GRADIENT	.00692	.98729	.00871	.95402	.00871	.95402	.00000	-.00000

RUN NO. 1771/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.251	-6.190	-3.99040	-6.20700	-4.08230	-6.04710	-4.08230	-6.04710	7.82000	-6.87960
-4.506	-4.154	-4.25180	-4.21430	-4.27500	-4.09700	-4.27500	-4.09700	7.82000	-6.87960
-4.126	.235	-4.03970	-.01090	-4.00090	-.00970	-4.00090	-.00970	7.82000	-6.87960
-4.009	4.338	-4.16730	4.12950	-4.17280	4.02660	-4.17280	4.02660	7.82000	-6.87960
-3.618	6.313	-3.81180	6.13820	-3.87200	5.99420	-3.87200	5.99420	7.82000	-6.87960
	GRADIENT	.01040	.98225	.01262	.95631	.01262	.95631	.00000	.00000

RUN NO. 1772/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.196	-6.340	.05030	-6.25350	-.12830	-6.16310	-.12830	-6.16310	7.82000	-6.87960
-.280	-4.441	-.03390	-4.35570	-.14310	-4.28340	-.14310	-4.28340	7.82000	-6.87960
-.281	-.171	-.03460	-.08550	-.08480	-.05630	-.08480	-.05630	7.82000	-6.87960
-.250	3.566	-.00450	3.65120	-.08800	3.64160	-.08800	3.64160	7.82000	-6.87960
-.185	5.665	.06090	5.75070	-.07570	5.72000	-.07570	5.72000	7.82000	-6.87960
	GRADIENT	.00358	.99991	.00704	.98969	.00704	.98969	-.00000	.00000

RUN NO. 1773/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.215	-5.620	4.03940	-5.81270	3.81390	-5.87180	3.81390	-5.87180	7.82000	-6.87960
3.927	-3.617	3.79080	-3.83860	3.64320	-3.88450	3.64320	-3.88450	7.82000	-6.87960
3.984	.250	4.07000	.00260	3.99140	-.00630	3.99140	-.00630	7.82000	-6.87960
3.690	3.971	3.93120	3.87380	3.80250	3.89890	3.80250	3.89890	7.82000	-6.87960
4.001	5.946	4.25820	5.89610	4.06330	5.93540	4.06330	5.93540	7.82000	-6.87960
	GRADIENT	.01885	1.01629	.02144	1.02564	.02144	1.02564	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1774/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.459	-6.025	-8.11410	-6.13210	-8.12160	-5.95490	-8.12160	-5.95490	7.82000	-6.87960
-8.492	-3.927	-8.17750	-4.09840	-8.13610	-3.97890	-8.13610	-3.97890	7.82000	-6.87960
-8.386	.458	-8.24680	.13160	-8.16020	.13220	-8.16020	.13220	7.82000	-6.87960
-7.998	4.430	-8.07300	4.07940	-8.01860	3.97360	-8.01860	3.97360	7.82000	-6.87960
-7.688	6.456	-7.83240	6.12990	-7.81870	5.97230	-7.81870	5.97230	7.82000	-6.87960
	GRADIENT	.01202	.97839	.01372	.95142	.01372	.95142	-.00000	-.00000

RUN NO. 1775/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.368	-6.207	-4.00940	-6.19880	-4.06590	-6.07080	-4.06590	-6.07080	7.82000	-6.87960
-4.618	-4.129	-4.26420	-4.18170	-4.26470	-4.09050	-4.26470	-4.09050	7.82000	-6.87960
-4.224	.312	-4.07240	-.01200	-4.02480	-.01230	-4.02480	-.01230	7.82000	-6.87960
-3.957	4.440	-4.14460	4.13830	-4.13310	4.05490	-4.13310	4.05490	7.82000	-6.87960
-3.571	6.374	-3.80960	6.10940	-3.84190	5.99310	-3.84190	5.99310	7.82000	-6.87960
	GRADIENT	.01432	.97051	.01584	.95013	.01584	.95013	.00000	-.00000

RUN NO. 1776/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.292	-6.383	.03080	-6.23320	-.10270	-6.15300	-.10270	-6.15300	7.82000	-6.87960
-.386	-4.487	-.06040	-4.33610	-.13940	-4.27020	.13940	-4.27020	7.82000	-6.87960
-.409	-.242	-.08570	-.09430	-.11820	-.06380	-.11820	-.06380	7.82000	-6.87960
-.387	3.497	-.06060	3.64800	-.11800	3.64590	-.11800	3.64590	7.82000	-6.87960
-.341	5.591	-.01660	5.73900	-.11580	5.71780	-.11580	5.71780	7.82000	-6.87960
	GRADIENT	-.00016	1.00003	.00273	.99152	.00273	.99152	-.00000	.00000

RUN NO. 1777/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.229	-5.523	4.02040	-5.81020	3.83560	-5.86800	3.83560	-5.86800	7.82000	-6.87960
3.904	-3.517	3.75330	-3.83950	3.63980	-3.88220	3.63980	-3.88220	7.82000	-6.87960
3.901	.324	4.05080	-.00130	3.99720	-.01250	3.99720	-.01250	7.82000	-6.87960
3.590	3.997	3.93060	3.89070	3.83280	3.91310	3.83280	3.91310	7.82000	-6.87960
3.836	5.938	4.19260	5.89920	4.04430	5.93130	4.04430	5.93130	7.82000	-6.87960
	GRADIENT	.02401	1.02852	.02620	1.03718	.02620	1.03718	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M003) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1968/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-7.961	-6.067	-7.77040	-6.14650	-7.80050	-5.93390	-7.80050	-5.93390	7.82000	-2.29960
-8.146	-3.987	-7.97550	-4.10360	-7.93770	-3.96660	-7.93770	-3.96660	7.82000	-2.29960
-8.042	.183	-7.97580	-.01310	-7.88930	-.01350	-7.88930	-.01350	7.82000	-2.29960
-7.950	4.275	-8.01450	4.07340	-7.96930	3.94590	-7.96930	3.94590	7.82000	-2.29960
-7.725	6.307	-7.82810	6.12760	-7.84200	5.92170	-7.84200	5.92170	7.82000	-2.29960
	GRADIENT	-.00471	.99028	-.00378	.95766	-.00378	.95766	-.00000	-.00000

RUN NO. 1969/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.155	-6.189	-3.94880	-6.20810	-4.07420	-6.03640	-4.07420	-6.03640	7.82000	-2.29960
-4.169	-4.092	-3.96850	-4.14180	-4.01640	-4.02300	-4.01640	-4.02300	7.82000	-2.29960
-4.068	.185	-4.00120	-.01060	-3.97510	-.01190	-3.97510	-.01190	7.82000	-2.29960
-3.979	4.292	-4.10390	4.12670	-4.14840	4.00430	-4.14840	4.00430	7.82000	-2.29960
-3.575	6.260	-3.72770	6.12100	-3.84940	5.95430	-3.84940	5.95430	7.82000	-2.29960
	GRADIENT	-.01609	.98607	-.01557	.95731	-.01557	.95731	-.00000	-.00000

RUN NO. 1970/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.001	-6.345	.19700	-6.27890	-.02550	-6.19610	-.02550	-6.19610	7.82000	-2.29960
-.093	-4.413	.10300	-4.34780	-.04160	-4.28170	-.04160	-4.28170	7.82000	-2.29960
-.144	-.097	.05220	-.03150	-.01560	-.00430	-.01560	-.00430	7.82000	-2.29960
-.049	3.601	.14700	3.66610	.02420	3.65960	.02420	3.65960	7.82000	-2.29960
.050	5.694	.24590	5.75970	.04850	5.73450	.04850	5.73450	7.82000	-2.29960
	GRADIENT	.00501	.99997	.00815	.99092	.00815	.99092	.00000	.00000

RUN NO. 1971/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.229	-5.657	4.08820	-5.80830	3.83090	-5.88340	3.83090	-5.88340	7.82000	-2.29960
3.914	-3.669	3.80320	-3.84370	3.63550	-3.89870	3.63550	-3.89870	7.82000	-2.29960
4.077	.195	4.14170	-.00160	4.04870	-.00820	4.04870	-.00820	7.82000	-2.29960
3.797	3.977	3.98840	3.89880	3.82820	3.93960	3.82820	3.93960	7.82000	-2.29960
4.081	5.941	4.28410	5.90030	4.04640	5.96110	4.04640	5.96110	7.82000	-2.29960
	GRADIENT	.02445	1.01250	.02549	1.02503	.02549	1.02503	-.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M004) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = -2.000

RUN NO. 1972/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.311	-6.089	-8.11040	-6.17470	-8.13860	-5.95140	-8.13860	-5.95140	7.82000	-2.29960
-8.340	-3.947	-8.16070	-4.07010	-8.12330	-3.92320	-8.12330	-3.92320	7.82000	-2.29960
-8.272	.369	-8.20820	.16050	-8.12190	.15710	-8.12190	.15710	7.82000	-2.29960
-8.000	4.309	-8.06740	4.10190	-8.02900	3.96350	-8.02900	3.96350	7.82000	-2.29960
-7.687	6.296	-7.79520	6.10730	-7.81160	5.90350	-7.81160	5.90350	7.82000	-2.29960
	GRADIENT	.01095	.98973	.01125	.95517	.01125	.95517	-.00000	.00000

RUN NO. 1973/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.209	-6.192	-3.99180	-6.21160	-4.11250	-6.03890	-4.11250	-6.03890	7.82000	-2.29960
-4.411	-4.134	-4.20000	-4.18910	-4.24150	-4.06500	-4.24150	-4.06500	7.82000	-2.29960
-4.072	.193	-4.00030	-.01290	-3.97380	-.00990	-3.97380	-.00990	7.82000	-2.29960
-3.985	4.306	-4.11630	4.13230	-4.15340	4.01650	-4.15340	4.01650	7.82000	-2.29960
-3.579	6.251	-3.74030	6.10390	-3.84580	5.94380	-3.84580	5.94380	7.82000	-2.29960
	GRADIENT	.01023	.98574	.01088	.95732	.01088	.95732	.00000	-.00000

RUN NO. 1974/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.005	-6.354	.21150	-6.28350	.00130	-6.19910	.00130	-6.19910	7.82000	-2.29960
-.093	-4.422	.11310	-4.35190	-.02320	-4.28520	-.02320	-4.28520	7.82000	-2.29960
-.083	-.160	.12280	-.09030	.05460	-.06310	.05460	-.06310	7.82000	-2.29960
-.023	3.578	.18360	3.64850	.06680	3.64080	.06680	3.64080	7.82000	-2.29960
.045	5.687	.25120	5.75720	.06860	5.73010	.06860	5.73010	7.82000	-2.29960
	GRADIENT	.00866	.99997	.01141	.99068	.01141	.99068	-.00000	.00000

RUN NO. 1975/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.226	-5.658	4.07880	-5.81820	3.83190	-5.88420	3.83190	-5.88420	7.82000	-2.29960
3.910	-3.655	3.79410	-3.83910	3.63090	-3.88900	3.63090	-3.88900	7.82000	-2.29960
4.076	.203	4.14520	-.00360	4.05340	-.01050	4.05340	-.01050	7.82000	-2.29960
3.768	3.979	3.97090	3.89870	3.81860	3.93590	3.81860	3.93590	7.82000	-2.29960
4.072	5.946	4.28650	5.90450	4.06310	5.95870	4.06310	5.95870	7.82000	-2.29960
	GRADIENT	.02340	1.01354	.02489	1.02495	.02489	1.02495	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M005) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1976/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.264	-6.050	-8.02350	-6.14660	-8.04230	-5.93870	-8.04230	-5.93870	7.82000	-2.29960
-8.413	-3.928	-8.19580	-4.07230	-8.15320	-3.93280	-8.15320	-3.93280	7.82000	-2.29960
-8.273	.410	-8.19470	.16210	-8.10260	.15340	-8.10260	.15340	7.82000	-2.29960
-7.951	4.328	-8.03250	4.08120	-7.98270	3.95150	-7.98270	3.95150	7.82000	-2.29960
-7.714	6.335	-7.84390	6.11000	-7.83960	5.92170	-7.83960	5.92170	7.82000	-2.29960
	GRADIENT	.01943	.98736	.02049	.95473	.02049	.95473	-.00000	.00000

RUN NO. 1977/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.284	-6.182	-4.02460	-6.20070	-4.11200	-6.04250	-4.11200	-6.04250	7.82000	-2.29960
-4.467	-4.119	-4.21490	-4.17910	-4.23470	-4.06640	-4.23470	-4.06640	7.82000	-2.29960
-4.104	.232	-4.01710	-.01310	-3.97900	-.01430	-3.97900	-.01430	7.82000	-2.29960
-4.008	4.339	-4.16480	4.13100	-4.17360	4.02690	-4.17360	4.02690	7.82000	-2.29960
-3.575	6.282	-3.76690	6.10680	-3.83240	5.96270	-3.83240	5.96270	7.82000	-2.29960
	GRADIENT	.00631	.98228	.00773	.95664	.00773	.95664	.00000	-.00000

RUN NO. 1978/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.152	-6.382	.09340	-6.29570	-.08640	-6.20510	-.08640	-6.20510	7.82000	-2.29960
-.271	-4.437	-.02570	-4.35120	-.13310	-4.27860	-.13310	-4.27860	7.82000	-2.29960
-.250	-.186	-.00450	-.10110	-.05600	-.07170	-.05600	-.07170	7.82000	-2.29960
-.195	3.568	.05040	3.65340	-.03770	3.64450	-.03770	3.64450	7.82000	-2.29960
-.145	5.675	.10160	5.76020	-.04000	5.73010	-.04000	5.73010	7.82000	-2.29960
	GRADIENT	.00941	.99995	.01205	.98977	.01205	.98977	.00000	-.00000

RUN NO. 1979/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.247	-5.640	4.07140	-5.80130	3.84460	-5.88920	3.84460	-5.88920	7.82000	-2.29960
3.908	-3.625	3.77030	-3.84580	3.62310	-3.88970	3.62310	-3.88970	7.82000	-2.29960
4.065	.239	4.14990	-.00680	4.06860	-.01380	4.06860	-.01380	7.82000	-2.29960
3.723	4.002	3.96420	3.90570	3.83070	3.93290	3.83070	3.93290	7.82000	-2.29960
4.020	5.965	4.27480	5.91600	4.07500	5.95800	4.07500	5.95800	7.82000	-2.29960
	GRADIENT	.02575	1.01629	.02762	1.02561	.02762	1.02561	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (VBM006) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.500 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1980/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.422	-5.989	-8.08190	-6.09750	-8.08770	-5.92580	-8.08770	-5.92580	7.82000	-2.29960
-8.510	-3.882	-8.19760	-4.05530	-8.15330	-3.93980	-8.15330	-3.93980	7.82000	-2.29960
-8.339	.483	-8.19950	.15500	-8.11310	.15150	-8.11310	.15150	7.82000	-2.29960
-7.996	4.424	-8.06970	4.07460	-8.01790	3.96540	-8.01790	3.96540	7.82000	-2.29960
-7.654	6.404	-7.79740	6.07700	-7.78480	5.92100	-7.78480	5.92100	7.82000	-2.29960
	GRADIENT	.01512	.97852	.01617	.95146	.01617	.95146	.00000	.00000

RUN NO. 1981/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.377	-6.173	-4.02220	-6.16690	-4.07610	-6.04050	-4.07610	-6.04050	7.82000	-2.29960
-4.584	-4.124	-4.23280	-4.17680	-4.23240	-4.08720	-4.23240	-4.08720	7.82000	-2.29960
-4.170	.307	-4.02060	-.01420	-3.97320	-.01600	-3.97320	-.01600	7.82000	-2.29960
-3.971	4.417	-4.15660	4.11170	-4.14740	4.02830	-4.14740	4.02830	7.82000	-2.29960
-3.577	6.361	-3.81550	6.09650	-3.84890	5.98030	-3.84890	5.98030	7.82000	-2.29960
	GRADIENT	.00943	.97000	.01059	.94974	.01059	.94974	-.00000	-.00000

RUN NO. 1982/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.315	-6.481	.00960	-6.33080	-.12640	-6.24940	-.12640	-6.24940	7.82000	-2.29960
-.385	-4.482	-.06100	-4.33320	-.13830	-4.26750	-.13830	-4.26750	7.82000	-2.29960
-.406	-.274	-.08160	-.12490	-.11480	-.09460	-.11480	-.09460	7.82000	-2.29960
-.368	3.558	-.04390	3.70590	-.10610	3.70320	-.10610	3.70320	7.82000	-2.29960
-.317	5.623	.00720	5.77200	-.09670	5.75100	-.09670	5.75100	7.82000	-2.29960
	GRADIENT	.00201	.99995	.00403	.99145	.00403	.99145	-.00000	-.00000

RUN NO. 1983/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.257	-5.552	4.04830	-5.83950	3.85960	-5.89760	3.85960	-5.89760	7.82000	-2.29960
4.126	-3.566	3.98090	-3.89320	3.86330	-3.93760	3.86330	-3.93760	7.82000	-2.29960
3.894	.324	4.04200	-.00040	3.98750	-.01000	3.98750	-.01000	7.82000	-2.29960
3.691	4.025	4.02990	3.91670	3.92800	3.94140	3.92800	3.94140	7.82000	-2.29960
3.723	5.889	4.07800	5.85320	3.92710	5.88550	3.92710	5.88550	7.82000	-2.29960
	GRADIENT	.00653	1.02854	.00872	1.03765	.00872	1.03765	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M007) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1880/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.153	-7.944	-8.04470	-8.12390	-8.03300	-8.00920	-8.03300	-8.00920	7.82000	5.00000
-8.100	-3.858	-8.05420	-4.06300	-8.00280	-4.00190	-8.00280	-4.00190	7.82000	5.00000
-8.194	.353	-8.27290	.15840	-8.20030	.15260	-8.20030	.15260	7.82000	5.00000
-7.674	4.226	-7.84470	4.10410	-7.78720	4.04430	-7.78720	4.04430	7.82000	5.00000
-7.823	8.173	-8.02470	8.11160	-7.99070	8.00180	-7.99070	8.00180	7.82000	5.00000
	GRADIENT	.02478	1.01014	.02560	.99517	.02560	.99517	.00000	-.00000

RUN NO. 1881/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.258	-8.044	-4.10250	-8.18430	-4.14890	-8.08340	-4.14890	-8.08340	7.82000	5.00000
-4.145	-3.937	-4.02870	-4.11220	-4.02280	-4.05340	-4.02280	-4.05340	7.82000	5.00000
-3.991	.191	-4.06480	-.00620	-4.02810	-.00870	-4.02810	-.00870	7.82000	5.00000
-3.900	4.155	-4.10280	4.09860	-4.09040	4.04070	-4.09040	4.04070	7.82000	5.00000
-3.797	8.200	-4.00670	8.19870	-4.03740	8.10130	-4.03740	8.10130	7.82000	5.00000
	GRADIENT	-.00915	1.01459	-.00831	1.00017	-.00831	1.00017	-.00000	-.00000

RUN NO. 1882/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.165	-8.141	.03150	-8.21530	-.08430	-8.14600	-.08430	-8.14600	7.82000	5.00000
-.241	-4.276	-.04450	-4.35210	-.10050	-4.30110	-.10050	-4.30110	7.82000	5.00000
-.307	-.039	-.11050	-.11310	-.14190	-.08600	-.14190	-.08600	7.82000	5.00000
-.300	3.802	-.10350	3.72720	-.15820	3.73480	-.15820	3.73480	7.82000	5.00000
-.216	7.816	-.01980	7.74090	-.12660	7.73000	-.12660	7.73000	7.82000	5.00000
	GRADIENT	-.00745	1.00023	-.00719	.99485	-.00719	.99485	.00000	-.00000

RUN NO. 1883/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.245	-7.803	4.03600	-7.81800	3.86540	-7.86440	3.86540	-7.86440	7.82000	5.00000
4.168	-3.826	3.97500	-3.90920	3.89590	-3.93860	3.89590	-3.93860	7.82000	5.00000
4.133	.189	4.05680	-.00690	4.01610	-.00640	4.01610	-.00640	7.82000	5.00000
4.131	4.093	4.20690	3.89630	4.13310	3.92450	4.13310	3.92450	7.82000	5.00000
3.880	7.976	4.02850	7.82810	3.88080	7.86720	3.88080	7.86720	7.82000	5.00000
	GRADIENT	.02924	.98561	.02995	.99289	.02995	.99289	.00000	-.00000

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (V8M007) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1884/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
8.298	-7.841	8.10100	-7.91540	7.88580	-8.03290	7.88580	-8.03290	7.82000	5.00000
8.153	-3.780	7.99530	-3.91880	7.88450	-3.97640	7.88450	-3.97640	7.82000	5.00000
7.784	.148	7.70860	-.04830	7.63420	-.04610	7.63420	-.04610	7.82000	5.00000
8.124	4.136	8.14840	3.92740	8.03920	3.98000	8.03920	3.98000	7.82000	5.00000
8.198	8.104	8.29130	7.91510	8.09470	8.02040	8.09470	8.02040	7.82000	5.00000
	GRADIENT	.01957	.99115	.01975	1.00506	.01975	1.00506	.00000	-.00000

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (V8M008) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1886/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.279	-5.998	-8.10770	-6.11520	-8.08040	-6.00120	-8.08040	-6.00120	7.82000	5.00000
-8.366	-3.869	-8.22140	-4.01850	-8.16720	-3.94040	-8.16720	-3.94040	7.82000	5.00000
-8.076	.195	-8.03740	-.00940	-7.95750	-.00490	-7.95750	-.00490	7.82000	5.00000
-8.013	4.248	-8.09630	4.05810	-8.02880	3.98820	-8.02880	3.98820	7.82000	5.00000
-7.743	8.229	-7.86240	8.05940	-7.81340	5.95610	-7.81340	5.95610	7.82000	5.00000
	GRADIENT	.01542	.99492	.01706	.97669	.01706	.97669	-.00000	-.00000

RUN NO. 1887/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.255	-6.106	-4.05470	-6.16090	-4.09400	-6.06130	-4.09400	-6.06130	7.82000	5.00000
-4.447	-4.069	-4.25980	-4.15830	-4.26270	-4.08540	-4.26270	-4.0854	7.82000	5.00000
-4.118	.197	-4.07960	-.00660	-4.04470	-.00640	-4.04470	-.00640	7.82000	5.00000
-3.932	4.254	-4.07740	4.10600	-4.07230	4.03720	-4.07230	4.03720	7.82000	5.00000
-3.633	8.217	-3.80200	8.09730	-3.82790	8.00360	-3.82790	8.00360	7.82000	5.00000
	GRADIENT	.02209	.99274	.02312	.97572	.02312	.97572	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M008) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 0.000 OB-ELV = 5.000

RUN NO. 1888/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.119	-6.239	.08510	-6.20050	-.03760	-6.13400	-.03760	-6.13400	7.82000	5.00000
-.194	-4.375	.00960	-4.33690	-.07530	-4.28090	-.07530	-4.28090	7.82000	5.00000
-.281	-.117	-.07710	-.07830	-.12460	-.05140	-.12460	-.05140	7.82000	5.00000
-.268	3.625	-.06390	3.66320	-.13770	3.66640	-.13770	3.66640	7.82000	5.00000
-.217	5.706	-.01290	5.74480	-.11820	5.73650	-.11820	5.73650	7.82000	5.00000
	GRADIENT	-.00944	.99996	-.00789	.99336	-.00789	.99336	.00000	.00000

RUN NO. 1889/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.159	-5.706	4.00200	-5.84170	3.83120	-5.88780	3.83120	-5.88780	7.82000	5.00000
3.873	-3.694	3.74370	-3.85730	3.62630	-3.89120	3.62630	-3.89120	7.82000	5.00000
4.116	.203	4.15420	-.00110	4.08560	-.00380	4.08560	-.00380	7.82000	5.00000
3.744	4.005	3.91870	3.89310	3.80970	3.92240	3.80970	3.92240	7.82000	5.00000
4.015	5.993	4.20820	5.91730	4.05280	5.95810	4.05280	5.95810	7.82000	5.00000
	GRADIENT	.02308	1.00658	.02422	1.01479	.02422	1.01479	.00000	.00000

RUN NO. 1890/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.357	-5.725	6.23160	-5.88980	6.04900	-5.95620	6.04900	-5.95620	7.82000	5.00000
6.053	-3.721	5.96240	-3.90730	5.82820	-3.95380	5.82820	-3.95380	7.82000	5.00000
6.002	.205	6.04010	.00110	5.94550	-.00330	5.94550	-.00330	7.82000	5.00000
5.611	3.998	5.76350	3.85630	5.64020	3.89020	5.64020	3.89020	7.82000	5.00000
5.980	5.959	6.15670	5.84960	5.99260	5.90310	5.99260	5.90310	7.82000	5.00000
	GRADIENT	-.02550	1.00582	-.02404	1.01624	-.02404	1.01624	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M009) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1893/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.254	-3.927	-8.09720	-4.06210	-8.04500	-3.96530	-8.04500	-3.96530	7.82000	5.00000
-8.075	.189	-8.02350	-.01130	-7.93710	-.00400	-7.93710	-.00400	7.82000	5.00000
-7.977	4.254	-8.05010	4.06040	-7.97680	3.98190	-7.97680	3.98190	7.82000	5.00000
	GRADIENT	.00578	.99282	.00837	.97139	.00837	.97139	.00000	-.00000

RUN NO. 1894/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-6.281	-3.976	-6.10530	-4.08510	-6.08350	-3.99290	-6.08350	-3.99290	7.82000	5.00000
-6.085	.197	-6.07310	-.00300	-5.97110	.00160	-5.97110	.00160	7.82000	5.00000
-5.725	4.360	-5.83130	4.18270	-5.79510	4.10180	-5.79510	4.10180	7.82000	5.00000
	GRADIENT	.03287	.99191	.03460	.97114	.03460	.97114	.00000	-.00000

RUN NO. 1895/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.132	-4.083	-3.93700	-4.15020	-3.95300	-4.06540	-3.95300	-4.06540	7.82000	5.00000
-4.108	.193	-4.05590	-.00650	-4.01880	-.00510	-4.01880	-.00510	7.82000	5.00000
-3.934	4.272	-4.07010	4.11680	-4.06770	4.03800	-4.06770	4.03800	7.82000	5.00000
	GRADIENT	-.01603	.98926	-.01374	.96968	-.01374	.96968	.00000	-.00000

RUN NO. 1896/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-2.329	-4.186	-2.12250	-4.20270	-2.17530	-4.12830	-2.17530	-4.12830	7.82000	5.00000
-2.195	.195	-2.14190	-.00510	-2.12960	-.00750	-2.12960	-.00750	7.82000	5.00000
-1.657	4.284	-1.83370	4.17690	-1.88100	4.10510	-1.88100	4.10510	7.82000	5.00000
	GRADIENT	.03364	.98897	.03446	.97171	.03446	.97171	.00000	-.00000

RUN NO. 1897/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.149	-4.346	.05110	-4.29390	-.05130	-4.23680	-.05130	-4.23680	7.82000	5.00000
-.276	-.315	-.07620	-.26320	-.12940	-.23550	-.12940	-.23550	7.82000	5.00000
-.262	3.550	-.06180	3.60230	-.14650	3.60230	-.14650	3.60230	7.82000	5.00000
	GRADIENT	-.01442	.99997	-.01211	.99274	-.01211	.99274	.00000	.00000

1A105A, AEDC PWT-TF470, 0 T S W/SILTS (V8M009) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1898/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
2.228	-3.734	2.06920	-3.86600	1.95090	-3.88780	1.95090	-3.88780	7.82000	5.00000
1.764	.199	1.81510	-.00090	1.76700	-.00500	1.76700	-.00500	7.82000	5.00000
1.707	3.848	1.90890	3.80610	1.80510	3.82100	1.80510	3.82100	7.82000	5.00000
	GRADIENT	-.02170	1.01149	-.01959	1.01633	-.01959	1.01633	.00000	-.00000

RUN NO. 1899/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
3.923	-3.764	3.80380	-3.93320	3.67060	-3.96780	3.67060	-3.96780	7.82000	5.00000
4.043	.199	4.01440	-.00110	4.01620	-.00500	4.01620	-.00500	7.82000	5.00000
3.785	3.998	3.96720	3.90010	3.84300	3.93040	3.84300	3.93040	7.82000	5.00000
	GRADIENT	.02143	1.00900	.02268	1.01735	.02268	1.01735	-.00000	.00000

1A105A, AEDC PWT-TF470, 0 T S W/SILTS (V8M010) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1901/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.289	-6.033	-8.10770	-6.12960	-8.09230	-5.97750	-8.09230	-5.97750	7.82000	5.00000
-8.346	-3.938	-8.18800	-4.06860	-8.13800	-3.96090	-8.13800	-3.96090	7.82000	5.00000
-8.089	.183	-8.03320	-.01460	-7.94570	-.00530	-7.94570	-.00530	7.82000	5.00000
-8.013	4.265	-8.08310	4.07160	-8.00970	3.98450	-8.00970	3.98450	7.82000	5.00000
-7.736	6.249	-7.84320	6.07370	-7.79810	5.94370	-7.79810	5.94370	7.82000	5.00000
	GRADIENT	.01283	.99239	.01569	.96864	.01569	.96864	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M010) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1902/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.236	-6.147	-4.03360	-6.18060	-4.09780	-6.05240	-4.09780	-6.05240	7.82000	5.00000
-4.426	-4.102	-4.23200	-4.17070	-4.24750	-4.07580	-4.24750	-4.07580	7.82000	5.00000
-4.143	.188	-4.08730	-.00990	-4.04900	-.00790	-4.04900	-.00790	7.82000	5.00000
-3.954	4.286	-4.08660	4.12890	-4.08550	4.04370	-4.08550	4.04370	7.82000	5.00000
-3.660	6.249	-3.81750	6.11810	-3.85800	6.00130	-3.85800	6.00130	7.82000	5.00000
	GRADIENT	.01746	.98929	.01952	.96781	.01952	.96781	.00000	.00000

RUN NO. 1903/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.015	-6.276	.18240	-6.22010	.02190	-6.14700	.02190	-6.14700	7.82000	5.00000
-.092	-4.420	.10580	-4.36460	-.00430	-4.30370	-.00430	-4.30370	7.82000	5.00000
-.223	-.107	-.02560	-.05220	-.07510	-.02640	-.07510	-.02640	7.82000	5.00000
-.194	3.616	.00380	3.67090	-.08390	3.66690	-.08390	3.66690	7.82000	5.00000
-.139	5.689	.05840	5.74470	-.07500	5.72660	-.07500	5.72660	7.82000	5.00000
	GRADIENT	-.01316	1.00000	-.01008	.99192	-.01008	.99192	.00000	.00000

RUN NO. 1904/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.169	-5.692	4.02320	-5.83690	3.82800	-5.88350	3.82800	-5.88350	7.82000	5.00000
4.103	-3.694	3.99190	-3.86670	3.85330	-3.90500	3.85330	-3.90500	7.82000	5.00000
4.038	.185	4.09270	-.01260	4.01250	-.01390	4.01250	-.01390	7.82000	5.00000
3.749	3.981	3.93260	3.88800	3.80400	3.91720	3.80400	3.91720	7.82000	5.00000
4.066	5.959	4.26310	5.90270	4.07580	5.94860	4.07580	5.94860	7.82000	5.00000
	GRADIENT	-.00760	1.01036	-.00625	1.01916	-.00625	1.01916	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (VBM011) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1907/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.284	-4.251	-8.11700	-4.36760	-8.08640	-4.21400	-8.08640	-4.21400	7.82000	5.00000
-8.113	.173	-8.05230	-.02120	-7.96220	-.01010	-7.96220	-.01010	7.82000	5.00000
-8.036	4.288	-8.10220	4.09560	-8.04300	3.97340	-8.04300	3.97340	7.82000	5.00000
	GRADIENT	.00189	.99097	.00537	.95867	.00537	.95867	-.00000	.00000

RUN NO. 1908/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-6.291	-4.030	-6.11090	-4.12550	-6.10830	-3.99120	-6.10830	-3.99120	7.82000	5.00000
-6.127	.258	-6.06980	.06230	-6.00540	.06520	-6.00540	.06520	7.82000	5.00000
-5.899	4.393	-5.99680	4.21390	-5.97890	4.09180	-5.97890	4.09180	7.82000	5.00000
	GRADIENT	.01352	.99000	.01542	.95956	.01542	.95956	.00000	-.00000

RUN NO. 1909/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.088	-4.120	-3.89100	-4.17170	-3.93330	-4.05450	-3.93330	-4.05450	7.82000	5.00000
-4.128	.188	-4.06690	-.00670	-4.03190	-.00500	-4.03190	-.00500	7.82000	5.00000
-3.900	4.332	-4.03010	4.17580	-4.05590	4.06120	-4.05590	4.06120	7.82000	5.00000
	GRADIENT	-.01662	.98747	-.01456	.96005	-.01456	.96005	.00000	.00000

RUN NO. 1910/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-2.409	-4.211	-2.20540	-4.22000	-2.28860	-4.11800	-2.28860	-4.11800	7.82000	5.00000
-2.124	.201	-2.06360	.00650	-2.06020	.00300	-2.06020	.00300	7.82000	5.00000
-1.894	4.307	-2.05910	4.18800	-2.13190	4.08830	-2.13190	4.08830	7.82000	5.00000
	GRADIENT	.01736	.98668	.01881	.96300	.01881	.96300	.00000	.00000

RUN NO. 1911/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.018	-4.363	.21190	-4.30200	.06950	-4.23630	.06950	-4.23630	7.82000	5.00000
-.117	-.311	.07710	-.25030	.01200	-.21880	.01200	-.21880	7.82000	5.00000
-.100	3.545	.09480	3.60530	-.01720	3.60290	-.01720	3.60290	7.82000	5.00000
	GRADIENT	-.01496	.99992	-.01099	.99131	-.01099	.99131	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M011) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1912/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
2.256	-3.712	2.10230	-3.84610	1.95780	-3.87550	1.95780	-3.87550	7.82000	5.00000
1.813	.193	1.87330	-.00180	1.81450	-.00640	1.81450	-.00640	7.82000	5.00000
1.750	3.820	1.95220	3.79460	1.82080	3.81240	1.82080	3.81240	7.82000	5.00000
	GRADIENT	-.02042	1.01404	-.01842	1.02031	-.01842	1.02031	.00000	.00000

RUN NO. 1913/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
3.865	-3.737	3.75080	-3.90550	3.58950	-3.95270	3.58950	-3.95270	7.82000	5.00000
4.048	.199	4.10810	.00420	4.01710	-.00140	4.01710	-.00140	7.82000	5.00000
3.794	3.962	3.98050	3.87860	3.82740	3.91600	3.82740	3.91600	7.82000	5.00000
	GRADIENT	.03030	1.01097	.03149	1.02193	.03149	1.02193	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M012) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1914/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.347	-6.106	-8.16070	-6.19070	-8.18630	-5.96580	-8.18630	-5.96580	7.82000	5.00000
-8.364	-3.993	-8.19750	-4.11110	-8.15880	-3.95820	-8.15880	-3.95820	7.82000	5.00000
-8.072	.184	-8.00840	-.01030	-7.91600	-.00280	-7.91600	-.00280	7.82000	5.00000
-8.022	4.308	-8.08860	4.11440	-8.03240	3.98130	-8.03240	3.98130	7.82000	5.00000
-7.665	6.314	-7.76970	6.13850	-7.76760	5.93900	-7.76760	5.93900	7.82000	5.00000
	GRADIENT	.01319	.99098	.01532	.95652	.01532	.95652	-.00000	.00000

1A105A, AEDC PWT-TF470, O T S W/SILTS (V8M012) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1915/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.193	-6.207	-3.99020	-6.22950	-4.12110	-6.04930	-4.12110	-6.04930	7.82000	5.00000
-4.444	-4.180	-4.24750	-4.23550	-4.29450	-4.10110	-4.29450	-4.10110	7.82000	5.00000
-4.113	.188	-4.04900	-.00650	-4.01500	-.00700	-4.01500	-.00700	7.82000	5.00000
-4.012	4.321	-4.13880	4.16060	-4.17310	4.03450	-4.17310	4.03450	7.82000	5.00000
-3.557	6.286	-3.71060	6.15160	-3.82230	5.98020	-3.82230	5.98020	7.82000	5.00000
	GRADIENT	.01309	.98749	.01475	.95684	.01475	.95684	.00000	.00000

RUN NO. 1916/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.121	-6.312	.31490	-6.24750	.08000	-6.16310	.08000	-6.16310	7.82000	5.00000
.024	-4.419	.21830	-4.35550	.06570	-4.28700	.06570	-4.28700	7.82000	5.00000
-.112	-.153	.08240	-.08960	.01560	-.05900	.01560	-.05900	7.82000	5.00000
-.089	3.594	.10500	3.65660	-.01230	3.65020	-.01230	3.65020	7.82000	5.00000
.004	5.689	.19860	5.75130	.00940	5.72650	.00940	5.72650	7.82000	5.00000
	GRADIENT	-.01455	.99996	-.00978	.99062	-.00978	.99062	.00000	.00000

RUN NO. 1941/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.346	-5.638	4.20760	-5.78780	3.96090	-5.86020	3.96090	-5.86020	7.82000	5.00000
3.871	-3.631	3.76040	-3.80240	3.60040	-3.85170	3.60040	-3.85170	7.82000	5.00000
3.867	.190	3.92970	-.00470	3.84210	-.00770	3.84210	-.00770	7.82000	5.00000
3.849	3.958	4.03580	3.87440	3.89140	3.91540	3.88140	3.91540	7.82000	5.00000
3.893	5.830	4.09280	5.78810	3.86370	5.84630	3.86370	5.84630	7.82000	5.00000
	GRADIENT	.03631	1.01160	.03709	1.02350	.03709	1.02350	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M013) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1918/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.281	-6.346	-8.09030	-6.42530	-8.13300	-6.18330	-8.13300	-6.18330	7.82000	5.00000
-8.396	-3.983	-8.22690	-4.10170	-8.18680	-3.95030	-8.18680	-3.95030	7.82000	5.00000
-8.095	.187	-8.02920	-.00940	-7.93490	-.00230	-7.93490	-.00230	7.82000	5.00000
-7.997	4.295	-8.06330	4.09970	-8.00440	3.97160	-8.00440	3.97160	7.82000	5.00000
-7.721	6.342	-7.82650	6.16380	-7.82710	5.95670	-7.82710	5.95670	7.82000	5.00000
	GRADIENT	.01983	.99064	.02213	.95688	.02213	.95688	.00000	-.00000

RUN NO. 1919/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.213	-6.215	-4.00750	-6.23700	-4.14760	-6.04860	-4.14760	-6.04860	7.82000	5.00000
-4.414	-4.150	-4.21450	-4.20570	-4.26750	-4.07130	-4.26750	-4.07130	7.82000	5.00000
-4.116	.190	-4.04990	-.00580	-4.01950	-.00590	-4.01950	-.00590	7.82000	5.00000
-4.004	4.325	-4.13110	4.16200	-4.16640	4.03750	-4.16640	4.03750	7.82000	5.00000
-3.590	6.299	-3.74410	6.16130	-3.85610	5.98550	-3.85610	5.98550	7.82000	5.00000
	GRADIENT	.01007	.98707	.01230	.95652	.01230	.95652	.00000	.00000

RUN NO. 1920/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.143	-6.307	.33870	-6.24120	.10190	-6.15610	.10190	-6.15610	7.82000	5.00000
.072	-4.418	.26760	-4.35210	.10970	-4.28540	.10970	-4.28540	7.82000	5.00000
-.073	-.151	.12350	-.08550	.05380	-.05940	.05380	-.05940	7.82000	5.00000
-.041	3.586	.15500	3.65130	.03290	3.64590	.03290	3.64590	7.82000	5.00000
.055	5.686	.25070	5.75080	.05650	5.72760	.05650	5.72760	7.82000	5.00000
	GRADIENT	-.01453	.99998	-.00968	.99095	-.00968	.99095	-.00000	-.00000

RUN NO. 1921/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.208	-5.635	4.06570	-5.78560	3.81300	-5.85880	3.81300	-5.85880	7.82000	5.00000
3.877	-3.650	3.76460	-3.82380	3.59830	-3.87760	3.59830	-3.87760	7.82000	5.00000
4.040	.195	4.10510	-.00150	4.01100	-.00730	4.01100	-.00730	7.82000	5.00000
3.768	3.951	3.95920	3.87210	3.79910	3.91320	3.79910	3.91320	7.82000	5.00000
4.067	5.908	4.26980	5.86600	4.03520	5.92430	4.03520	5.92430	7.82000	5.00000
	GRADIENT	.02585	1.01235	.02674	1.02483	.02674	1.02483	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M014) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1923/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.127	-4.013	-7.94490	-4.13280	-7.91980	-3.97130	-7.91980	-3.97130	7.82000	5.00000
-8.066	.197	-7.99560	-.00860	-7.91170	-.00150	-7.91170	-.00150	7.82000	5.00000
-8.004	4.321	-8.07280	4.11500	-8.02950	3.97210	-8.02950	3.97210	7.82000	5.00000
	GRADIENT	-.01533	.98957	-.01311	.95305	-.01311	.95305	.00000	-.00000

RUN NO. 1924/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-6.292	-4.055	-6.09580	-4.14920	-6.10340	-4.00110	-6.10340	-4.00110	7.82000	5.00000
-6.110	.204	-6.03940	-.00290	-5.98250	.00270	-5.98250	.00270	7.82000	5.00000
-6.007	4.339	-6.10540	4.14440	-6.09820	4.01070	-6.09820	4.01070	7.82000	5.00000
	GRADIENT	-.00107	.98797	.00076	.95440	.00076	.95440	.00000	.00000

RUN NO. 1925/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.275	-4.114	-4.06390	-4.16810	-4.11220	-4.04120	-4.11220	-4.04120	7.82000	5.00000
-4.122	.196	-4.05110	-.00970	-4.02300	-.00750	-4.02300	-.00750	7.82000	5.00000
-3.991	4.313	-4.12420	4.14030	-4.15580	4.02270	-4.15580	4.02270	7.82000	5.00000
	GRADIENT	-.00708	.98564	-.00497	.95663	-.00497	.95663	-.00000	.00000

RUN NO. 1926/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-2.439	-4.223	-2.22050	-4.22700	-2.30940	-4.12330	-2.30940	-4.12330	7.82000	5.00000
-2.137	.202	-2.06520	-.00350	-2.06710	-.00560	-2.06710	-.00560	7.82000	5.00000
-1.887	4.328	-2.05890	4.19540	-2.13610	4.09650	-2.13610	4.09650	7.82000	5.00000
	GRADIENT	.01909	.98459	.02068	.96090	.02068	.96090	-.00000	.00000

RUN NO. 1927/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.021	-4.370	.22710	-4.29920	.08760	-4.23480	.08760	-4.23480	7.82000	5.00000
-.056	-.314	.15080	-.24400	.08190	-.21590	.08190	-.21590	7.82000	5.00000
-.054	3.545	.15190	3.61500	.03850	3.60720	.03850	3.60720	7.82000	5.00000
	GRADIENT	-.00958	.99994	-.00616	.99082	-.00616	.99082	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M014) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1928/ 0 RN/L = 3.50 . GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
2.250	-3.701	2.08670	-3.84500	1.93550	-3.87210	1.93550	-3.87210	7.82000	5.00000
2.113	.213	2.18300	.00660	2.11780	.00050	2.11780	.00050	7.82000	5.00000
1.739	3.804	1.95630	3.78460	1.82370	3.79990	1.82370	3.79990	7.82000	5.00000
	GRADIENT	-.01675	1.01615	-.01398	1.02180	-.01398	1.02180	.00000	.00000

RUN NO. 1929/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
3.952	-3.713	3.83480	-3.89650	3.66930	-3.94760	3.66930	-3.94760	7.82000	5.00000
4.034	.205	4.10360	-.00170	4.01060	-.00840	4.01060	-.00840	7.82000	5.00000
3.772	3.951	3.97350	3.86910	3.82170	3.90780	3.82170	3.90780	7.82000	5.00000
	GRADIENT	.01848	1.01303	.02040	1.02474	.02040	1.02474	.00000	-.00030

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M015) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1931/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.234	-6.080	-7.99120	-6.17650	-8.01210	-5.96880	-8.01210	-5.96880	7.82000	5.00000
-8.418	-3.969	-8.20150	-4.11250	-8.16190	-3.96720	-8.16190	-3.96720	7.82000	5.00000
-8.121	.238	-8.03450	-.00900	-7.94180	-.00550	-7.94180	-.00550	7.82000	5.00000
-7.968	4.360	-8.05140	4.11320	-7.99790	3.98410	-7.99790	3.98410	7.82000	5.00000
-7.702	6.348	-7.83240	6.12300	-7.82280	5.93770	-7.82280	5.93770	7.82000	5.00000
	GRADIENT	.01810	.98757	.01980	.95462	.01980	.95462	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M015) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BPCF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1932/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.303	-6.194	-4.04190	-6.21470	-4.13710	-6.05320	-4.13710	-6.05320	7.82000	5.00000
-4.472	-4.137	-4.21800	-4.19900	-4.24410	-4.08110	-4.24410	-4.08110	7.82000	5.00000
-4.134	.244	-4.04810	-.00310	-4.00800	-.00270	-4.00800	-.00270	7.82000	5.00000
-4.010	4.350	-4.16870	4.14370	-4.17610	4.03760	-4.17610	4.03760	7.82000	5.00000
-3.564	6.316	-3.75730	6.14180	-3.82350	5.99420	-3.82350	5.99420	7.82000	5.00000
	GRADIENT	.00618	.98272	.00852	.95632	.00852	.95632	.00000	.00000

RUN NO. 1933/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.064	-6.345	.18140	-6.25900	-.00630	-6.17220	-.00630	-6.17220	7.82000	5.00000
-.116	-4.439	.13110	-4.35330	.01400	-4.28340	.01400	-4.28340	7.82000	5.00000
-.174	-.180	.07200	-.09490	.01870	-.06440	.01870	-.06440	7.82000	5.00000
-.227	3.569	.01850	3.65460	-.06790	3.64650	-.06790	3.64650	7.82000	5.00000
-.170	5.665	.07620	5.75050	-.06410	5.72110	-.06410	5.72110	7.82000	5.00000
	GRADIENT	-.01406	.99992	-.00997	.99020	-.00997	.99020	-.00000	-.00000

RUN NO. 1934/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.219	-5.605	4.04220	-5.79500	3.81780	-5.85310	3.81780	-5.85310	7.82000	5.00000
3.889	-3.609	3.75040	-3.82730	3.60350	-3.87140	3.60350	-3.87140	7.82000	5.00000
3.995	.242	4.07930	-.00340	3.99930	-.00960	3.99930	-.00960	7.82000	5.00000
3.711	3.978	3.95120	3.88040	3.81810	3.90930	3.81810	3.90930	7.82000	5.00000
3.998	5.931	4.25300	5.88080	4.05320	5.92440	4.05320	5.92440	7.82000	5.00000
	GRADIENT	.02677	1.01584	.02867	1.02547	.02867	1.02547	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1936/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.379	-6.021	-8.03880	-6.12750	-8.04940	-5.94940	-8.04940	-5.94940	7.82000	5.00000
-8.521	-3.920	-8.21070	-4.09220	-8.17070	-3.96900	-8.17070	-3.96900	7.82000	5.00000
-8.372	.437	-8.23140	.11160	-8.14520	.11230	-8.14520	.11230	7.82000	5.00000
-7.678	4.475	-7.76190	4.13030	-7.71110	4.02220	-7.71110	4.02220	7.82000	5.00000
-7.785	6.469	-7.92840	6.14360	-7.91340	5.98060	-7.91340	5.98060	7.82000	5.00000
	GRADIENT	.05269	.97928	.05410	.95172	.05410	.95172	-.00000	-.00000

RUN NO. 1937/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.402	-6.202	-4.04560	-6.19730	-4.10910	-6.06410	-4.10910	-6.06410	7.82000	5.00000
-4.585	-4.123	-4.23160	-4.17740	-4.23540	-4.08380	-4.23540	-4.08380	7.82000	5.00000
-4.216	.315	-4.06670	-.00830	-4.01920	-.00760	-4.01920	-.00760	7.82000	5.00000
-3.972	4.450	-4.16060	4.14900	-4.14840	4.06500	-4.14840	4.06500	7.82000	5.00000
-3.563	6.358	-3.80180	6.09530	-3.83360	5.97540	-3.83360	5.97540	7.82000	5.00000
	GRADIENT	.00863	.97078	.01062	.95006	.01062	.95006	-.00000	.00000

RUN NO. 1938/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.223	-6.403	.10010	-6.25430	-.04070	-6.17420	-.04070	-6.17420	7.82000	5.00000
-.278	-4.487	.04600	-4.33890	-.03960	-4.27330	-.03960	-4.27330	7.82000	5.00000
-.353	-.246	-.02840	-.09700	-.06410	-.06900	-.06410	-.06900	7.82000	5.00000
-.363	3.501	-.03810	3.65070	-.09990	3.64700	-.09990	3.64700	7.82000	5.00000
-.337	5.596	-.01190	5.74520	-.11580	5.72440	-.11580	5.72440	7.82000	5.00000
	GRADIENT	-.01068	1.00013	-.00751	.99145	-.00751	.99145	-.00000	.00000

RUN NO. 1939/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.249	-5.525	4.03760	-5.81230	3.84950	-5.86920	3.84950	-5.86920	7.82000	5.00000
3.891	-3.515	3.73630	-3.83710	3.62060	-3.87840	3.62060	-3.87840	7.82000	5.00000
3.904	.321	4.05240	-.00410	3.99760	-.01370	3.99760	-.01370	7.82000	5.00000
3.600	3.996	3.94080	3.88880	3.83900	3.91510	3.83900	3.91510	7.82000	5.00000
3.863	5.942	4.21770	5.90130	4.06390	5.93840	4.06390	5.93840	7.82000	5.00000
	GRADIENT	.02763	1.02841	.02958	1.03740	.02958	1.03740	.00000	.00000

1A105A, AEDC PWT-TF470, O T S W0/SILTS (V8M017) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1733/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.221	-7.919	-8.11640	-8.10210	-8.10750	-7.98640	-8.10750	-7.98640	7.82000	8.92000
-8.052	-3.861	-8.00850	-4.06700	-7.95960	-4.00920	-7.95960	-4.00920	7.82000	8.92000
-8.155	.330	-8.23620	.13520	-8.16800	.12990	-8.16800	.12990	7.82000	8.92000
-7.913	4.171	-8.08110	4.04500	-8.02790	3.98540	-8.02790	3.98540	7.82000	8.92000
-7.605	8.101	-7.80750	8.04110	-7.78920	7.93170	-7.78920	7.93170	7.82000	8.92000
	GRADIENT	-.00973	1.00989	-.00913	.99526	-.00913	.99526	-.00000	-.00000

RUN NO. 1734/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.195	-8.049	-4.03890	-8.19090	-4.08450	-8.09290	-4.08450	-8.09290	7.82000	8.92000
-4.150	-3.936	-4.03490	-4.11260	-4.02970	-4.05670	-4.02970	-4.05670	7.82000	8.92000
-3.991	.187	-4.06680	-.00930	-4.03370	-.01100	-4.03370	-.01100	7.82000	8.92000
-3.852	4.174	-4.05440	4.11740	-4.05060	4.06060	-4.05060	4.06060	7.82000	8.92000
-3.795	8.170	-4.00550	8.16940	-4.04880	8.07230	-4.04880	8.07230	7.82000	8.92000
	GRADIENT	-.00243	1.01460	-.00257	1.00070	-.00257	1.00070	.00000	-.00000

RUN NO. 1735/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.154	-8.107	.04210	-8.18330	-.07180	-8.11600	-.07180	-8.11600	7.82000	8.92000
-.265	-4.269	-.06880	-4.34480	-.12610	-4.29510	-.12610	-4.29510	7.82000	8.92000
-.249	-.051	-.05260	-.12660	-.08960	-.09900	-.08960	-.09900	7.82000	8.92000
-.210	3.799	-.01320	3.72420	-.07170	3.73270	-.07170	3.73270	7.82000	8.92000
-.129	7.818	.06790	7.74310	-.04570	7.73340	-.04570	7.73340	7.82000	8.92000
	GRADIENT	.00684	1.00012	.00677	.99501	.00677	.99501	.00000	.00000

RUN NO. 1736/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.482	-7.702	4.27160	-7.71800	4.09130	-7.77160	4.09130	-7.77160	7.82000	8.92000
4.158	-3.819	3.96320	-3.90120	3.87970	-3.93350	3.87970	-3.93350	7.82000	8.92000
4.112	.193	4.03470	-.00350	3.99280	-.00380	3.99280	-.00380	7.82000	8.92000
3.848	4.108	3.93360	3.91480	3.85920	3.93910	3.85920	3.93910	7.82000	8.92000
3.871	7.972	4.01900	7.82240	3.86770	7.86150	3.86770	7.86150	7.82000	8.92000
	GRADIENT	-.00364	.98594	-.00246	.99308	-.00246	.99308	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M017) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1737/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
8.253	-7.785	8.05550	-7.85920	7.83260	-7.98120	7.83260	-7.98120	7.82000	8.92000
8.166	-3.775	8.00690	-3.91190	7.89040	-3.97460	7.89040	-3.97460	7.82000	8.92000
7.790	.153	7.71400	-.04330	7.63660	-.04600	7.63660	-.04600	7.82000	8.92000
8.129	4.137	8.15250	3.92750	8.04060	3.97710	8.04060	3.97710	7.82000	8.92000
8.186	8.098	8.27900	7.90910	8.07930	8.01370	8.07930	8.01370	7.82000	8.92000
	GRADIENT	.01862	.99089	.01918	1.00508	.01918	1.00508	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1738/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.173	-5.987	-8.00090	-6.10340	-7.97700	-5.99040	-7.97700	-5.99040	7.82000	8.92000
-8.376	-3.895	-8.23160	-4.04450	-8.17910	-3.96860	-8.17910	-3.96860	7.82000	8.92000
-8.293	.322	-8.25940	.11760	-8.18190	.11480	-8.18190	.11480	7.82000	8.92000
-8.019	4.257	-8.10130	4.06630	-8.04450	3.99210	-8.04450	3.99210	7.82000	8.92000
-7.776	6.225	-7.89390	6.05460	-7.85890	5.94470	-7.85890	5.94470	7.82000	8.92000
	GRADIENT	.01571	.99485	.01631	.97643	.01631	.97643	.00000	-.00000

RUN NO. 1739/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.263	-6.107	-4.06280	-6.16110	-4.10160	-6.06250	-4.10160	-6.06250	7.82000	8.92000
-4.442	-4.069	-4.25450	-4.15800	-4.25770	-4.08780	-4.25770	-4.08780	7.82000	8.92000
-4.097	.196	-4.05800	-.00810	-4.02660	-.00850	-4.02660	-.00850	7.82000	8.92000
-3.914	4.266	-4.05710	4.11530	-4.06310	4.04630	-4.06310	4.04630	7.82000	8.92000
-3.647	6.199	-3.81410	6.07660	-3.85340	5.98170	-3.85340	5.98170	7.82000	8.92000
	GRADIENT	.02386	.99252	.02360	.97582	.02360	.97582	.00000	.00000

1A105A, AEDC PWT-TF470, 0 T S MO/SILTS (V8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1740/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.155	-6.208	.04920	-6.16900	-.07010	-6.10380	-.07010	-6.10380	7.82000	8.92000
-.231	-4.071	-.02680	-4.03220	-.10750	-3.97860	-.10750	-3.97860	7.82000	8.92000
-.241	-.164	-.03730	-.12630	-.08840	-.09810	-.08840	-.09810	7.82000	8.92000
-.169	3.697	.03500	3.73450	-.04580	3.73860	-.04580	3.73860	7.82000	8.92000
-.077	5.709	.12690	5.74700	.01130	5.74090	.01130	5.74090	7.82000	8.92000
	GRADIENT	.00794	.99981	.00794	.99343	.00794	.99343	.00000	.00000

RUN NO. 1741/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.161	-5.701	4.00360	-5.83610	3.82700	-5.88680	3.82700	-5.88680	7.82000	8.92000
3.893	-3.687	3.76430	-3.84960	3.64360	-3.88670	3.64360	-3.88670	7.82000	8.92000
4.062	.201	4.09990	-.00370	4.03100	-.00660	4.03100	-.00660	7.82000	8.92000
3.780	4.013	3.95690	3.90470	3.84040	3.93410	3.84040	3.93410	7.82000	8.92000
3.960	5.978	4.15380	5.90440	3.89440	5.94510	3.99440	5.94510	7.82000	8.92000
	GRADIENT	.02521	1.00693	.02580	1.01557	.02580	1.01557	-.00000	.00000

RUN NO. 1742/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.380	-5.710	6.25400	-5.87490	6.06400	-5.94670	6.06400	-5.94670	7.82000	8.92000
6.047	-3.717	5.95560	-3.90290	5.81790	-3.95420	5.81790	-3.95420	7.82000	8.92000
5.995	.208	6.03290	.00410	5.93730	-.00200	5.93730	-.00200	7.82000	8.92000
5.623	4.011	5.77560	3.87020	5.65070	3.90190	5.65070	3.90190	7.82000	8.92000
5.919	5.943	6.09590	5.83400	5.93040	5.88580	5.93040	5.88580	7.82000	8.92000
	GRADIENT	-.02306	1.00582	-.02136	1.01656	-.02136	1.01656	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (V8M019) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1743/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.300	-6.000	-8.12040	-6.10280	-8.09380	-5.97220	-8.09380	-5.97220	7.82000	8.92000
-8.382	-3.912	-8.22640	-4.04840	-8.16990	-3.95980	-8.16990	-3.95980	7.82000	8.92000
-8.302	.352	-8.25570	.15090	-8.17030	.14950	-8.17030	.14950	7.82000	8.92000
-8.014	4.255	-8.08530	4.06110	-8.02020	3.97650	-8.02020	3.97650	7.82000	8.92000
-7.780	6.257	-7.88890	6.08120	-7.84770	5.95690	-7.84770	5.95690	7.82000	8.92000
	GRADIENT	.01690	.99281	.01805	.97160	.01805	.97160	-.00000	-.00000

RUN NO. 1744/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.239	-6.133	-4.03640	-6.17200	-4.08180	-6.06030	-4.08180	-6.06030	7.82000	8.92000
-4.434	-4.108	-4.24110	-4.18090	-4.24730	-4.10080	-4.24730	-4.10080	7.82000	8.92000
-4.146	.190	-4.09370	-.01020	-4.05850	-.01060	-4.05850	-.01060	7.82000	8.92000
-3.956	4.276	-4.08870	4.11770	-4.09510	4.03710	-4.09510	4.03710	7.82000	8.92000
-3.661	6.248	-3.82050	6.11580	-3.86860	6.00390	-3.86860	6.00390	7.82000	8.92000
	GRADIENT	.01832	.98967	.01838	.97051	.01838	.97051	.00000	.00000

RUN NO. 1745/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.116	-6.240	.08380	-6.18840	-.05670	-6.11790	-.05670	-6.11790	7.82000	8.92000
-.210	-4.410	-.00970	-4.35860	-.10630	-4.30060	-.10630	-4.30060	7.82000	8.92000
-.239	-.309	-.03920	-.25700	-.09470	-.22850	-.09470	-.22850	7.82000	8.92000
-.158	3.623	.04240	3.67490	-.05060	3.67500	-.05060	3.67500	7.82000	8.92000
-.061	5.689	.13910	5.74030	.00040	5.72880	.00040	5.72880	7.82000	8.92000
	GRADIENT	.00639	1.00008	.00690	.99287	.00690	.99287	-.00000	.00000

RUN NO. 1746/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.156	-5.683	4.00830	-5.82710	3.82050	-5.87270	3.82050	-5.87270	7.82000	8.92000
3.865	-3.681	3.74640	-3.84980	3.61280	-3.88570	3.61280	-3.88570	7.82000	8.92000
4.060	.198	4.11140	-.00200	4.03320	-.00450	4.03320	-.00450	7.82000	8.92000
3.771	4.002	3.95410	3.90690	3.82950	3.93420	3.82950	3.93420	7.82000	8.92000
3.967	5.962	4.16500	5.90380	3.99540	5.94100	3.99540	5.94100	7.82000	8.92000
	GRADIENT	.02725	1.00954	.02847	1.01776	.02847	1.01776	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M020) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1747/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.331	-6.022	-8.15000	-6.11930	-8.13100	-5.97150	-8.13100	-5.97150	7.82000	8.92000
-8.390	-3.935	-8.23160	-4.06630	-8.17880	-3.96250	-8.17880	-3.96250	7.82000	8.92000
-8.292	.333	-8.24140	.13440	-8.15220	.13430	-8.15220	.13430	7.82000	8.92000
-7.974	4.261	-8.04270	4.06760	-7.97500	3.98260	-7.97500	3.98260	7.82000	8.92000
-7.803	6.252	-7.90850	6.07580	-7.87100	5.94300	-7.87100	5.94300	7.82000	8.92000
	GRADIENT	.02238	.99225	.02460	.96920	.02460	.96920	-.00000	.00000

RUN NO. 1748/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.224	-6.145	-4.02180	-6.17820	-4.07420	-6.05820	-4.07420	-6.05820	7.82000	8.92000
-4.450	-4.102	-4.25650	-4.17050	-4.26410	-4.08380	-4.26410	-4.08380	7.82000	8.92000
-4.126	.187	-4.06920	-.01040	-4.03250	-.01040	-4.03250	-.01040	7.82000	8.92000
-3.940	4.271	-4.07000	4.11180	-4.07730	4.02590	-4.07730	4.02590	7.82000	8.92000
-3.682	6.247	-3.83790	6.11290	-3.88940	5.99350	-3.88940	5.99350	7.82000	8.92000
	GRADIENT	.02245	.98897	.02257	.96836	.02257	.96836	.00000	.00000

RUN NO. 1749/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.075	-6.243	.12320	-6.18770	-.02310	-6.11390	-.02310	-6.11390	7.82000	8.92000
-.148	-4.421	.05000	-4.36550	-.05250	-4.30320	-.05250	-4.30320	7.82000	8.92000
-.182	-.100	.01580	-.04430	-.03670	-.01820	-.03670	-.01820	7.82000	8.92000
-.103	3.616	.09450	3.67110	.00330	3.66860	.00330	3.66860	7.82000	8.92000
.020	5.685	.21760	5.74000	.07630	5.72330	.07630	5.72330	7.82000	8.92000
	GRADIENT	.00517	1.00001	.00685	.99194	.00685	.99194	.00000	-.00000

RUN NO. 1750/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.166	-5.678	4.02040	-5.82250	3.82070	-5.87120	3.82070	-5.87120	7.82000	8.92000
3.868	-3.687	3.75210	-3.85650	3.61580	-3.89170	3.61580	-3.89170	7.82000	8.92000
4.046	.193	4.10130	-.00520	4.02180	-.00690	4.02180	-.00690	7.82000	8.92000
3.727	3.971	3.91130	3.88050	3.78520	3.90430	3.78520	3.90430	7.82000	8.92000
4.068	5.968	4.26630	5.91370	4.08310	5.95430	4.08310	5.95430	7.82000	8.92000
	GRADIENT	.02110	1.01022	.02249	1.01793	.02249	1.01793	-.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M021) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1751/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.278	-6.079	-8.09440	-6.16640	-8.10730	-5.96300	-8.10730	-5.96300	7.82000	8.92000
-8.437	-3.967	-8.27390	-4.08950	-8.22900	-3.94990	-8.22900	-3.94990	7.82000	8.92000
-8.250	.329	-8.19400	.13300	-8.10350	.13440	-8.10350	.13440	7.82000	8.92000
-7.990	4.294	-8.05620	4.10160	-8.00300	3.97580	-8.00300	3.97580	7.82000	8.92000
-7.722	6.301	-7.82560	6.12560	-7.82430	5.93380	-7.82430	5.93380	7.82000	8.92000
	GRADIENT	.02624	.99135	.02738	.95922	.02738	.95922	-.00000	.00000

RUN NO. 1752/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.181	-6.192	-3.97840	-6.21700	-4.09110	-6.05080	-4.09110	-6.05080	7.82000	8.92000
-4.443	-4.135	-4.24860	-4.19450	-4.28340	-4.07670	-4.28340	-4.07670	7.82000	8.92000
-4.226	.201	-4.16600	.00640	-4.13310	.00810	-4.13310	.00810	7.82000	8.92000
-3.989	4.322	-4.11400	4.16170	-4.14600	4.04560	-4.14600	4.04560	7.82000	8.92000
-3.600	6.249	-3.75190	6.11330	-3.85620	5.95120	-3.85620	5.95120	7.82000	8.92000
	GRADIENT	.01594	.98791	.01641	.96026	.01641	.96026	.00000	.00000

RUN NO. 1753/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.059	-6.288	.25330	-6.22630	.03870	-6.14400	.03870	-6.14400	7.82000	8.92000
-.038	-4.392	.15620	-4.33110	.01670	-4.26520	.01670	-4.26520	7.82000	8.92000
-.061	-.269	.13380	-.20820	.06380	-.17880	.06380	-.17880	7.82000	8.92000
.032	3.576	.22600	3.63710	.10620	3.63360	.10620	3.63360	7.82000	8.92000
.131	5.674	.32560	5.73440	.13570	5.71330	.13570	5.71330	7.82000	8.92000
	GRADIENT	.00859	1.00003	.01123	.99131	.01123	.99131	.00000	.00000

RUN NO. 1754/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.185	-5.635	4.04290	-5.78090	3.80040	-5.84350	3.80040	-5.84350	7.82000	8.92000
3.904	-3.685	3.79100	-3.85440	3.62750	-3.90250	3.62750	-3.90250	7.82000	8.92000
4.050	.197	4.11040	.00270	4.01710	-.00610	4.01710	-.00610	7.82000	8.92000
3.748	3.966	3.93540	3.88520	3.78410	3.91660	3.78410	3.91660	7.82000	8.92000
4.091	5.916	4.28940	5.87160	4.06640	5.92040	4.06640	5.92040	7.82000	8.92000
	GRADIENT	.01919	1.01158	.02087	1.02197	.02087	1.02197	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M022) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1755/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.308	-6.104	-8.12170	-6.18850	-8.13970	-5.97600	-8.13970	-5.97600	7.82000	8.92000
-8.371	-3.980	-8.20480	-4.09960	-8.16190	-3.95820	-8.16190	-3.95820	7.82000	8.92000
-8.323	.334	-8.26430	.13790	-8.16940	.13540	-8.16940	.13540	7.82000	8.92000
-7.974	4.302	-8.03850	4.10790	-7.99090	3.97430	-7.99090	3.97430	7.82000	8.92000
-7.733	6.301	-7.83450	6.12370	-7.83970	5.92490	-7.83970	5.92490	7.82000	8.92000
	GRADIENT	.01959	.99087	.02032	.95766	.02032	.95766	-.00000	-.00000

RUN NO. 1756/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.204	-6.195	-4.00080	-6.21730	-4.12170	-6.04770	-4.12170	-6.04770	7.82000	8.92000
-4.424	-4.148	-4.22760	-4.20430	-4.26590	-4.08690	-4.26590	-4.08690	7.82000	8.92000
-4.101	.185	-4.03730	-.00870	-4.00890	-.00850	-4.00890	-.00850	7.82000	8.92000
-4.007	4.331	-4.13030	4.16780	-4.17530	4.04540	-4.17530	4.04540	7.82000	8.92000
-3.575	6.291	-3.72680	6.15340	-3.84800	5.98700	-3.84800	5.98700	7.82000	8.92000
	GRADIENT	.01172	.98726	.01105	.95899	.01105	.95899	-.00000	-.00000

RUN NO. 1757/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.073	-6.284	.26770	-6.22050	.04570	-6.14200	.04570	-6.14200	7.82000	8.92000
-.029	-4.396	.16570	-4.33240	.02070	-4.27130	.02070	-4.27130	7.82000	8.92000
-.087	-.174	.10790	-.11070	.04110	-.08500	.04110	-.08500	7.82000	8.92000
-.002	3.598	.19290	3.66120	.07450	3.65560	.07450	3.65560	7.82000	8.92000
.120	5.675	.31400	5.73780	.11990	5.71660	.11990	5.71660	7.82000	8.92000
	GRADIENT	.00306	.99995	.00669	.99160	.00669	.99160	.00000	.00000

RUN NO. 1758/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.211	-5.638	4.06950	-5.78630	3.81560	-5.86050	3.81560	-5.86050	7.82000	8.92000
3.891	-3.654	3.77870	-3.82480	3.61170	-3.87990	3.61170	-3.87990	7.82000	8.92000
4.033	.195	4.09600	.00050	4.00470	-.00720	4.00470	-.00720	7.82000	8.92000
3.763	3.953	3.95130	3.87390	3.79530	3.91280	3.79530	3.91280	7.82000	8.92000
4.077	5.906	4.27690	5.86340	4.04580	5.92200	4.04580	5.92200	7.82000	8.92000
	GRADIENT	.02293	1.01205	.02445	1.02441	.02445	1.02441	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M023) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1759/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.269	-6.117	-8.07960	-6.20020	-8.11170	-5.97700	-8.11170	-5.97700	7.82000	8.92000
-8.353	-3.978	-8.18420	-4.09780	-8.14700	-3.95750	-8.14700	-3.95750	7.82000	8.92000
-8.092	.179	-8.02610	-.01730	-7.94030	-.01570	-7.94030	-.01570	7.82000	8.92000
-7.959	4.292	-8.02290	4.09550	-7.97870	3.96080	-7.97870	3.96080	7.82000	8.92000
-7.758	6.333	-7.86060	6.15360	-7.87570	5.94350	-7.87570	5.94350	7.82000	8.92000
	GRADIENT	.01954	.99066	.02040	.95741	.02040	.95741	.00000	-.00000

RUN NO. 1760/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.180	-6.209	-3.97450	-6.22990	-4.10310	-6.05700	-4.10310	-6.05700	7.82000	8.92000
-4.416	-4.152	-4.21630	-4.20750	-4.26430	-4.08360	-4.26430	-4.08360	7.82000	8.92000
-4.118	.184	-4.05150	-.01140	-4.02570	-.01240	-4.02570	-.01240	7.82000	8.92000
-3.976	4.321	-4.09950	4.15510	-4.14170	4.03510	-4.14170	4.03510	7.82000	8.92000
-3.599	6.289	-3.75090	6.14880	-3.87090	5.98130	-3.87090	5.98130	7.82000	8.92000
	GRADIENT	.01398	.98686	.01480	.95807	.01480	.95807	-.00000	.00000

RUN NO. 1761/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.077	-6.278	.27290	-6.21230	.05410	-6.13400	.05410	-6.13400	7.82000	8.92000
-.011	-4.402	.18530	-4.33690	.03970	-4.27380	.03970	-4.27380	7.82000	8.92000
-.051	-.167	.14550	-.10190	.07370	-.07530	.07370	-.07530	7.82000	8.92000
.032	3.598	.22800	3.66350	.10520	3.65780	.10520	3.65780	7.82000	8.92000
.182	5.681	.37770	5.74630	.18140	5.72430	.18140	5.72430	7.82000	8.92000
	GRADIENT	.00503	.99996	.00818	.99136	.00818	.99136	.00000	-.00000

RUN NO. 1762/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.215	-5.635	4.07320	-5.78540	3.81880	-5.86030	3.81880	-5.86030	7.82000	8.92000
3.897	-3.649	3.78490	-3.82310	3.61670	-3.87970	3.61670	-3.87970	7.82000	8.92000
4.030	.195	4.09550	-.00150	4.00090	-.01030	4.00090	-.01030	7.82000	8.92000
3.765	3.951	3.95730	3.87310	3.80050	3.90930	3.80050	3.90930	7.82000	8.92000
4.040	5.901	4.24280	5.86110	4.01260	5.91530	4.01260	5.91530	7.82000	8.92000
	GRADIENT	.02291	1.01263	.02448	1.02484	.02448	1.02484	.00000	-.00000

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (V8M024) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1763/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.295	-6.115	-8.09450	-6.20110	-8.12630	-5.97810	-8.12630	-5.97810	7.82000	8.92000
-8.421	-3.987	-8.24190	-4.11160	-8.20690	-3.96080	-8.20690	-3.96080	7.82000	8.92000
-8.273	.348	-8.20810	.13940	-8.12330	.13750	-8.12330	.13750	7.82000	8.92000
-8.000	4.320	-8.06750	4.11220	-8.02850	3.97550	-8.02850	3.97550	7.82000	8.92000
-7.768	6.341	-7.87570	6.15120	-7.88900	5.94840	-7.88900	5.94840	7.82000	8.92000
	GRADIENT	.02079	.98979	.02144	.95518	.02144	.95518	-.00000	.00000

RUN NO. 1764/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.220	-6.198	-4.00340	-6.21950	-4.12190	-6.05000	-4.12190	-6.05000	7.82000	8.92000
-4.444	-4.150	-4.23340	-4.20730	-4.27420	-4.08520	-4.27420	-4.08520	7.82000	8.92000
-4.107	.191	-4.03600	-.01420	-4.00850	-.01100	-4.00850	-.01100	7.82000	8.92000
-3.991	4.312	-4.12070	4.13740	-4.15350	4.02500	-4.15350	4.02500	7.82000	8.92000
-3.623	6.316	-3.78370	6.16840	-3.88580	6.00830	-3.88580	6.00830	7.82000	8.92000
	GRADIENT	.01361	.98592	.01468	.95821	.01468	.95821	.00000	-.00000

RUN NO. 1765/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.065	-6.295	.27110	-6.22380	.06340	-6.14300	.06340	-6.14300	7.82000	8.92000
-.011	-4.413	.19490	-4.34300	.05630	-4.27940	.05630	-4.27940	7.82000	8.92000
-.027	-.165	.17950	-.09530	.10890	-.06920	.10890	-.06920	7.82000	8.92000
.034	3.594	.23980	3.66400	.12420	3.65670	.12420	3.65670	7.82000	8.92000
.101	5.671	.30690	5.74130	.12820	5.71550	.12820	5.71550	7.82000	8.92000
	GRADIENT	.00541	.99995	.00856	.99110	.00856	.99110	.00000	.00000

RUN NO. 1766/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.209	-5.638	4.06100	-5.79730	3.81630	-5.86380	3.81630	-5.86380	7.82000	8.92000
3.889	-3.634	3.77230	-3.81730	3.60880	-3.86890	3.60880	-3.86890	7.82000	8.92000
4.051	.212	4.12140	.00540	4.02770	-.00350	4.02770	-.00350	7.82000	8.92000
3.753	3.954	3.95580	3.87420	3.80570	3.90890	3.80570	3.90890	7.82000	8.92000
4.037	5.905	4.25110	5.86400	4.02950	5.91590	4.02950	5.91590	7.82000	8.92000
	GRADIENT	.02449	1.01352	.02633	1.02490	.02633	1.02490	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (V8M025) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1989/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-7.979	-7.885	-7.87070	-8.06590	-7.85890	-7.95830	-7.85890	-7.95830	7.82000	11.25000
-8.049	-3.832	-8.00670	-4.03830	-7.95570	-3.98570	-7.95570	-3.98570	7.82000	11.25000
-8.093	.313	-8.17400	.11770	-8.10750	.10830	-8.10750	.10830	7.82000	11.25000
-7.596	4.188	-7.77010	4.06840	-7.72410	4.00420	-7.72410	4.00420	7.82000	11.25000
-7.574	8.058	-7.77710	7.99910	-7.76410	7.88680	-7.76410	7.88680	7.82000	11.25000
	GRADIENT	.02869	1.01068	.02812	.99611	.02812	.99611	.00000	-.00000

RUN NO. 1990/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.139	-7.997	-3.98310	-8.13910	-4.02330	-8.04430	-4.02330	-8.04430	7.82000	11.25000
-4.137	-3.905	-4.02260	-4.08110	-4.01460	-4.02800	-4.01460	-4.02800	7.82000	11.25000
-3.926	.187	-4.00110	-.00950	-3.96960	-.01300	-3.96960	-.01300	7.82000	11.25000
-3.855	4.144	-4.05770	4.08620	-4.05750	4.02700	-4.05750	4.02700	7.82000	11.25000
-3.782	8.130	-3.99320	8.12900	-4.04260	8.02960	-4.04260	8.02960	7.82000	11.25000
	GRADIENT	-.00431	1.01461	-.00524	1.00066	-.00524	1.00066	.00000	-.00000

RUN NO. 1991/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.149	-8.164	.04760	-8.24010	-.06210	-8.17170	-.06210	-8.17170	7.82000	11.25000
-.271	-4.260	-.07450	-4.33550	-.12860	-4.28520	-.12860	-4.28520	7.82000	11.25000
-.249	-.054	-.05260	-.13020	-.08950	-.10260	-.08950	-.10260	7.82000	11.25000
-.193	3.805	.00360	3.73090	-.05860	3.73990	-.05860	3.73990	7.82000	11.25000
-.106	7.817	.09100	7.74400	-.02980	7.73470	-.02980	7.73470	7.82000	11.25000
	GRADIENT	.00962	1.00019	.00869	.99507	.00869	.99507	-.00000	.00000

RUN NO. 1992/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.474	-7.680	4.26500	-7.70090	4.08960	-7.75090	4.08960	-7.75090	7.82000	11.25000
4.193	-3.845	3.99850	-3.92700	3.91520	-3.95650	3.91520	-3.95650	7.82000	11.25000
4.202	.187	4.12470	-.00880	4.08030	-.00630	4.08030	-.00630	7.82000	11.25000
3.876	4.133	3.96250	3.94080	3.88390	3.96870	3.88390	3.96870	7.82000	11.25000
3.892	7.994	4.03880	7.84370	3.88020	7.88620	3.88020	7.88620	7.82000	11.25000
	GRADIENT	-.00438	.98606	-.00376	.99326	-.00376	.99326	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M025) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 FN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1993/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
8.232	-7.806	8.03490	-7.87980	7.81740	-7.99550	7.81740	-7.99550	7.82000	11.25000
8.197	-3.798	8.03730	-3.93430	7.92110	-3.99140	7.92110	-3.99140	7.82000	11.25000
7.840	.140	7.76280	-.05600	7.68350	-.05140	7.68350	-.05140	7.82000	11.25000
8.171	4.142	8.19510	3.93240	8.07930	3.98940	8.07930	3.98940	7.82000	11.25000
7.952	8.017	8.04550	7.82730	7.84530	7.93220	7.84530	7.93220	7.82000	11.25000
	GRADIENT	.02012	.99088	.02014	1.00525	.02014	1.00525	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M026) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1994/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.012	-5.938	-7.83870	-6.05320	-7.81450	-5.94090	-7.81450	-5.94090	7.82000	11.25000
-8.347	-3.884	-8.20230	-4.03290	-8.14790	-3.95820	-8.14790	-3.95820	7.82000	11.25000
-8.240	.278	-8.20380	.07330	-8.12730	.06870	-8.12730	.06870	7.82000	11.25000
-7.935	4.225	-8.01690	4.03490	-7.96190	3.95830	-7.96190	3.95830	7.82000	11.25000
-7.729	6.209	-7.84710	6.03820	-7.81590	5.92700	-7.81590	5.92700	7.82000	11.25000
	GRADIENT	.02265	.99476	.02277	.97611	.02277	.97611	.00000	.00000

RUN NO. 1995/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.209	-6.091	-4.00810	-6.14510	-4.04540	-6.04830	-4.04540	-6.04830	7.82000	11.25000
-4.436	-4.053	-4.24830	-4.14220	-4.24890	-4.07320	-4.24890	-4.07320	7.82000	11.25000
-4.049	.197	-4.00960	-.00680	-3.97890	-.00850	-3.97890	-.00850	7.82000	11.25000
-3.921	4.242	-4.06270	4.09030	-4.07130	4.02020	-4.07130	4.02020	7.82000	11.25000
-3.620	6.166	-3.78720	6.04310	-3.83080	5.94730	-3.83080	5.94730	7.82000	11.25000
	GRADIENT	.02266	.99237	.02177	.97560	.02177	.97560	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S W0/SILTS (V8M026) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1996/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.131	-6.250	.07270	-6.21120	-.04520	-6.14480	-.04520	-6.14480	7.82000	11.25000
-.219	-4.360	-.01460	-4.32160	-.09730	-4.26550	-.09730	-4.26550	7.82000	11.25000
-.227	-.204	-.02290	-.16580	-.07480	-.13660	-.07480	-.13660	7.82000	11.25000
-.146	3.613	.05810	3.65110	-.02540	3.65640	-.02540	3.65640	7.82000	11.25000
-.054	5.698	.14990	5.73650	.02910	5.73120	.02910	5.73120	7.82000	11.25000
	GRADIENT	.00895	.99996	.00896	.99359	.00896	.99359	.00000	.00000

RUN NO. 1997/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.188	-5.719	4.03080	-5.85480	3.85270	-5.90360	3.85270	-5.90360	7.82000	11.25000
3.899	-3.707	3.76940	-3.86910	3.64760	-3.90420	3.64760	-3.90420	7.82000	11.25000
4.100	.198	4.13810	-.00600	4.06790	-.00580	4.06790	-.00580	7.82000	11.25000
3.790	4.038	3.96650	3.92900	3.85070	3.96010	3.85070	3.96010	7.82000	11.25000
4.035	6.016	4.22860	5.94220	4.06880	5.98320	4.06880	5.98320	7.82000	11.25000
	GRADIENT	.02564	1.00681	.02645	1.01536	.02645	1.01536	-.00000	-.00000

RUN NO. 1998/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.399	-5.751	6.27260	-5.91640	6.08810	-5.98110	6.08810	-5.98110	7.82000	11.25000
6.087	-3.755	5.99580	-3.94100	5.86000	-3.98550	5.86000	-3.98550	7.82000	11.25000
6.024	.208	6.06260	.00450	5.96600	-.00130	5.96600	-.00130	7.82000	11.25000
5.632	4.013	5.78500	3.87300	5.65750	3.90710	5.65750	3.90710	7.82000	11.25000
5.839	5.970	6.01690	5.86420	5.85140	5.91540	5.85140	5.91540	7.82000	11.25000
	GRADIENT	-.02683	1.00591	-.02570	1.01603	-.02570	1.01603	-.00000	-.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (V8M027) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1999/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.307	-5.960	-8.12820	-6.06280	-8.09580	-5.93550	-8.09580	-5.93550	7.82000	11.25000
-8.316	-3.905	-8.16030	-4.04020	-8.10150	-3.95650	-8.10150	-3.95650	7.82000	11.25000
-8.271	.323	-8.22330	.12220	-8.13790	.11400	-8.13790	.11400	7.82000	11.25000
-7.990	4.238	-8.06160	4.04440	-7.99960	3.95530	-7.99960	3.95530	7.82000	11.25000
-7.707	6.229	-7.81620	6.05320	-7.78120	5.92610	-7.78120	5.92610	7.82000	11.25000
	GRADIENT	.01176	.99272	.01223	.97149	.01223	.97149	.00000	.00000

RUN NO. 2000/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.247	-6.109	-4.04430	-6.14810	-4.08560	-6.03850	-4.08560	-6.03850	7.82000	11.25000
-4.428	-4.076	-4.23450	-4.14970	-4.23690	-4.07160	-4.23690	-4.07160	7.82000	11.25000
-4.072	.192	-4.01990	-.00780	-3.98590	-.01110	-3.98590	-.01110	7.82000	11.25000
-3.944	4.260	-4.07630	4.10140	-4.08580	4.01880	-4.08580	4.01880	7.82000	11.25000
-3.631	6.225	-3.79080	6.09360	-3.84250	5.98080	-3.84250	5.98080	7.82000	11.25000
	GRADIENT	.01923	.98963	.01846	.97036	.01846	.97036	.00000	-.00000

RUN NO. 2001/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.098	-6.271	.10160	-6.21780	-.03890	-6.14680	-.03890	-6.14680	7.82000	11.25000
-.202	-4.396	-.00220	-4.34410	-.09820	-4.28470	-.09820	-4.28470	7.82000	11.25000
-.221	-.130	-.02130	-.07840	-.07780	-.04990	-.07780	-.04990	7.82000	11.25000
-.141	3.611	.05940	3.66280	-.03750	3.66450	-.03750	3.66450	7.82000	11.25000
-.073	5.696	.12720	5.74750	-.01620	5.73670	-.01620	5.73670	7.82000	11.25000
	GRADIENT	.00741	1.00000	.00752	.99279	.00752	.99279	.00000	.00000

RUN NO. 2002/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.252	-5.690	4.10480	-5.83480	3.91880	-5.87770	3.91880	-5.87770	7.82000	11.25000
3.882	-3.712	3.76260	-3.88030	3.63040	-3.91260	3.63040	-3.91260	7.82000	11.25000
4.064	.191	4.11500	-.00890	4.03530	-.00740	4.03530	-.00740	7.82000	11.25000
3.814	4.010	3.99750	3.91490	3.86750	3.94680	3.86750	3.94680	7.82000	11.25000
4.041	6.000	4.23920	5.94230	4.06000	5.98420	4.06000	5.98420	7.82000	11.25000
	GRADIENT	.03064	1.00942	.03097	1.01773	.03097	1.01773	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M028) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2003/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.031	-5.973	-7.84840	-6.06710	-7.83050	-5.92190	-7.83050	-5.92190	7.82000	11.25000
-8.325	-3.931	-8.16620	-4.06120	-8.11210	-3.96060	-8.11210	-3.96060	7.82000	11.25000
-8.280	.268	-8.22650	.07000	-8.13780	.06910	-8.13780	.06910	7.82000	11.25000
-7.947	4.240	-8.01540	4.04640	-7.95190	3.95230	-7.95190	3.95230	7.82000	11.25000
-7.751	6.222	-7.85640	6.04620	-7.82370	5.90800	-7.82370	5.90800	7.82000	11.25000
	GRADIENT	.01814	.99218	.01936	.96835	.01936	.96835	.00000	-.00000

RUN NO. 2004/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.142	-6.133	-3.93960	-6.16490	-3.99060	-6.04590	-3.99060	-6.04590	7.82000	11.25000
-4.435	-4.086	-4.24170	-4.15420	-4.24810	-4.06810	-4.24810	-4.06810	7.82000	11.25000
-4.066	.188	-4.00940	-.00970	-3.97370	-.01130	-3.97370	-.01130	7.82000	11.25000
-3.959	4.271	-4.08840	4.11090	-4.09750	4.02240	-4.09750	4.02240	7.82000	11.25000
-3.647	6.202	-3.80250	6.06880	-3.85770	5.94800	-3.85770	5.94800	7.82000	11.25000
	GRADIENT	.01863	.98898	.01838	.96803	.01838	.96803	-.00000	-.00000

RUN NO. 2005/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.096	-6.395	.10200	-6.33620	-.04870	-6.26140	-.04870	-6.26140	7.82000	11.25000
-.135	-4.395	.06320	-4.37980	-.03740	-4.26700	-.03740	-4.26700	7.82000	11.25000
-.178	-.226	.02020	-.17020	-.03210	-.14180	-.03210	-.14180	7.82000	11.25000
-.079	3.654	.11890	3.70920	.02240	3.70700	.02240	3.70700	7.82000	11.25000
.040	5.714	.23770	5.76880	.08770	5.75430	.08770	5.75430	7.82000	11.25000
	GRADIENT	.00672	.99999	.00736	.99190	.00736	.99190	.00000	.00000

RUN NO. 2006/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.177	-5.715	4.03120	-5.85940	3.83560	-5.90340	3.83560	-5.90340	7.82000	11.25000
3.869	-3.691	3.75270	-3.86020	3.62010	-3.88970	3.62010	-3.88970	7.82000	11.25000
4.099	.188	4.15400	-.01030	4.07320	-.00730	4.07320	-.00730	7.82000	11.25000
3.767	4.006	3.95140	3.91620	3.81880	3.94490	3.81880	3.94490	7.82000	11.25000
4.078	5.979	4.27600	5.92620	4.08730	5.96940	4.08730	5.96940	7.82000	11.25000
	GRADIENT	.02602	1.01032	.02606	1.01789	.02606	1.01789	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (V8M029) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2007/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.253	-6.066	-8.07850	-6.15270	-8.08720	-5.95300	-8.08720	-5.95300	7.82000	11.25000
-8	-3.941	-8.19100	-4.06290	-8.14510	-3.92970	-8.14510	-3.92970	7.82000	11.25000
-8	.356	-8.21950	.15950	-8.12770	.15490	-8.12770	.15490	7.82000	11.25000
-7	4.257	-8.00420	4.06420	-7.95380	3.93520	-7.95380	3.93520	7.82000	11.25000
-7	6.282	-7.80080	6.10610	-7.80330	5.91070	-7.80330	5.91070	7.82000	11.25000
	GRADIENT	.02229	.99124	.02301	.95926	.02301	.95926	-.00000	-.00000

RUN NO. 2008/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.198	-6.171	-3.99600	-6.19640	-4.10140	-6.03330	-4.10140	-6.03330	7.82000	11.25000
-4.443	-4.122	-4.24840	-4.18160	-4.28010	-4.06480	-4.28010	-4.06480	7.82000	11.25000
-4.086	.182	-4.02360	-.01240	-3.99320	-.01280	-3.99320	-.01280	7.82000	11.25000
-3.989	4.299	-4.11330	4.13830	-4.15030	4.01860	-4.15030	4.01860	7.82000	11.25000
-3.583	6.239	-3.73470	6.10380	-3.84340	5.94150	-3.84340	5.94150	7.82000	11.25000
	GRADIENT	.01631	.98783	.01580	.95975	.01580	.95975	-.00000	.00000

RUN NO. 2009/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.034	-6.384	.22880	-6.32330	.01560	-6.23730	.01560	-6.23730	7.82000	11.25000
-.038	-4.408	.15690	-4.34740	.01850	-4.27970	.01950	-4.27970	7.82000	11.25000
-.048	-.189	.14610	-.12810	.07650	-.09860	.07650	-.09860	7.82000	11.25000
.054	3.654	.24850	3.71440	.12360	3.71130	.12360	3.71130	7.82000	11.25000
.196	5.706	.39090	5.76680	.19160	5.74770	.19160	5.74770	7.82000	11.25000
	GRADIENT	.01113	.99995	.01305	.99116	.01305	.99116	.00000	.00000

RUN NO. 2010/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.219	-5.675	4.07690	-5.82100	3.83590	-5.88080	3.83590	-5.88080	7.82000	11.25000
3.884	-3.682	3.77120	-3.85090	3.60990	-3.89440	3.60990	-3.89440	7.82000	11.25000
4.108	.189	4.16810	-.00610	4.07420	-.01200	4.07420	-.01200	7.82000	11.25000
3.764	3.985	3.95140	3.90530	3.79870	3.93930	3.79870	3.93930	7.82000	11.25000
3.849	5.869	4.04870	5.82950	3.82830	5.87630	3.82830	5.87630	7.82000	11.25000
	GRADIENT	.02376	1.01162	.02493	1.02172	.02493	1.02172	.00000	-.00000

1A105A, AEDC PWT-TF470, O T S W0/SILTS (V8M030) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 11.000

RUN NO. 2011/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.341	-6.049	-8.15560	-6.13430	-8.16570	-5.92960	-8.16570	-5.92960	7.82000	11.25000
-8.311	-3.956	-8.14510	-4.07550	-8.09980	-3.93920	-8.09980	-3.93920	7.82000	11.25000
-8.286	.369	-8.22850	.17310	-8.13530	.16470	-8.13530	.16470	7.82000	11.25000
-7.957	4.284	-8.02130	4.08970	-7.97730	3.95150	-7.97730	3.95150	7.82000	11.25000
-7.700	6.295	-7.80160	6.11760	-7.81440	5.91340	-7.81440	5.91340	7.82000	11.25000
	GRADIENT	.01443	.99077	.01446	.95745	.01446	.95745	-.00000	-.00000

RUN NO. 2012/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.152	-6.178	-3.94890	-6.20050	-4.06570	-6.03590	-4.06570	-6.03590	7.82000	11.25000
-4.462	-4.136	-4.26560	-4.19320	-4.30040	-4.07680	-4.30040	-4.07680	7.82000	11.25000
-4.085	.185	-4.02060	-.00930	-3.99060	-.01240	-3.99060	-.01240	7.82000	11.25000
-4.011	4.302	-4.13370	4.13810	-4.17910	4.01580	-4.17910	4.01580	7.82000	11.25000
-3.563	6.265	-3.71420	6.12750	-3.83890	5.96150	-3.83890	5.96150	7.82000	11.25000
	GRADIENT	.01597	.98721	.01485	.95893	.01485	.95893	-.00000	.00000

RUN NO. 2013/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.088	-6.326	.28270	-6.26160	.06310	-6.18200	.06310	-6.18200	7.82000	11.25000
-.029	-4.397	.16590	-4.33410	.02550	-4.27160	.02550	-4.27160	7.82000	11.25000
-.071	-.173	.12400	-.10980	.05720	-.08270	.05720	-.08270	7.82000	11.25000
.013	3.598	.20750	3.66060	.08520	3.65690	.08520	3.65690	7.82000	11.25000
.117	5.683	.31150	5.74620	.11590	5.72570	.11590	5.72570	7.82000	11.25000
	GRADIENT	.00490	.99996	.00747	.99168	.00747	.99168	-.00000	.00000

RUN NO. 2014/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.224	-5.669	4.08270	-5.81720	3.83340	-5.88720	3.83340	-5.88720	7.82000	11.25000
3.904	-3.675	3.79220	-3.84630	3.62820	-3.89690	3.62820	-3.89690	7.82000	11.25000
4.113	.188	4.17530	-.00620	4.08340	-.01060	4.08340	-.01060	7.82000	11.25000
3.790	3.983	3.97910	3.90450	3.82160	3.94620	3.82160	3.94620	7.82000	11.25000
4.108	5.943	4.30840	5.90090	4.07350	5.96320	4.07350	5.96320	7.82000	11.25000
	GRADIENT	.02463	1.01205	.02554	1.02410	.02554	1.02410	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M031) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1631/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.094	-6.138	-7.90310	-6.21830	-7.93760	-5.99760	-7.93760	-5.99760	9.90000	-2.29960
-8.371	-3.990	-8.20160	-4.10830	-8.16360	-3.96630	-8.16360	-3.96630	9.90000	-2.29960
-8.265	.335	-8.20480	.13740	-8.11600	.13600	-8.11600	.13600	9.90000	-2.29960
-8.061	4.304	-8.12460	4.10690	-8.07820	3.97540	-8.07820	3.97540	9.90000	-2.29960
-7.733	6.315	-7.83610	6.13530	-7.85110	5.93070	-7.85110	5.93070	9.90000	-2.29960
	GRADIENT	.00913	.99045	.01031	.95747	.01031	.95747	-.00000	.00000

RUN NO. 1632/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.147	-6.188	-3.94140	-6.20850	-4.07210	-6.03760	-4.07210	-6.03760	9.90000	-2.29960
-4.179	-4.121	-3.97790	-4.17100	-4.03150	-4.05090	-4.03150	-4.05090	9.90000	-2.29960
-4.116	.184	-4.04940	-.01170	-4.02480	-.01210	-4.02480	-.01210	9.90000	-2.29960
-3.998	4.327	-4.12270	4.16160	-4.16810	4.03850	-4.16810	4.03850	9.90000	-2.29960
-3.597	6.285	-3.74900	6.14470	-3.87230	5.97790	-3.87230	5.97790	9.90000	-2.29960
	GRADIENT	-.01714	.98623	-.01605	.95745	-.01605	.95745	.00000	-.00000

RUN NO. 1633/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.020	-6.399	.21600	-6.33350	-.01550	-6.25320	-.01550	-6.25320	9.90000	-2.29960
-.089	-4.215	.10740	-4.14910	-.03500	-4.08780	-.03500	-4.08780	9.90000	-2.29960
-.105	-.201	.09130	-.13530	.01870	-.10920	.01870	-.10920	9.90000	-2.29960
-.029	3.678	.16780	3.74300	.04070	3.73470	.04070	3.73470	9.90000	-2.29960
.099	5.702	.29570	5.76750	.09350	5.74240	.09350	5.74240	9.90000	-2.29960
	GRADIENT	.00759	1.00000	.00961	.99118	.00961	.99118	.00000	-.00000

RUN NO. 1634/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.295	-5.626	4.15500	-5.77830	3.89310	-5.85910	3.89310	-5.85910	9.90000	-2.29960
4.110	-3.675	4.00230	-3.85130	3.82680	-3.91410	3.82680	-3.91410	9.90000	-2.29960
3.975	.197	4.04060	.00030	3.94410	-.00960	3.94410	-.00960	9.90000	-2.29960
3.801	3.949	3.99230	3.87020	3.83050	3.90850	3.83050	3.90850	9.90000	-2.29960
3.879	5.837	4.08280	5.79930	3.84630	5.85380	3.84630	5.85380	9.90000	-2.29960
	GRADIENT	-.00125	1.01271	.00064	1.02597	.00064	1.02597	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M032) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1635/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.341	-6.127	-8.14070	-6.21300	-8.17550	-5.98460	-8.17550	-5.98460	9.90000	-2.29960
-8.380	-3.986	-8.19970	-4.10910	-8.16790	-3.95620	-8.16790	-3.95620	9.90000	-2.29960
-8.297	.370	-8.23340	.16150	-8.14890	.16000	-8.14890	.16000	9.90000	-2.29960
-8.008	4.324	-8.07590	4.11650	-8.03810	3.97970	-8.03810	3.97970	9.90000	-2.29960
-7.743	6.339	-7.85130	6.14970	-7.86810	5.94480	-7.86810	5.94480	9.90000	-2.29960
	GRADIENT	.01452	.98975	.01543	.95488	.01543	.95488	-.00000	.00000

RUN NO. 1636/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.021	-6.101	-3.80390	-6.11850	-3.92950	-5.95130	-3.92950	-5.95130	9.90000	-2.29960
-4.201	-4.115	-3.98870	-4.16600	-4.03810	-4.04520	-4.03810	-4.04520	9.90000	-2.29960
-4.114	.195	-4.04350	-.01140	-4.01810	-.00790	-4.01810	-.00790	9.90000	-2.29960
-4.005	4.326	-4.13560	4.15150	-4.17450	4.03510	-4.17450	4.03510	9.90000	-2.29960
-3.612	6.292	-3.77230	6.14400	-3.87970	5.98390	-3.87970	5.98390	9.90000	-2.29960
	GRADIENT	-.01737	.98521	-.01601	.95712	-.01601	.95712	-.00000	.00000

RUN NO. 1637/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.024	-6.366	.23010	-6.29600	.01110	-6.21400	.01110	-6.21400	9.90000	-2.29960
-.073	-4.234	.13360	-4.16370	-.00240	-4.10100	-.00240	-4.10100	9.90000	-2.29960
-.067	-.221	.13920	-.15100	.06720	-.12490	.06720	-.12490	9.90000	-2.29960
-.007	3.671	.19940	3.74080	.07880	3.73150	.07880	3.73150	9.90000	-2.29960
.100	5.711	.30650	5.78060	.11900	5.75340	.11900	5.75340	9.90000	-2.29960
	GRADIENT	.00829	1.00000	.01031	.99089	.01031	.99089	-.00000	-.00000

RUN NO. 1638/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.208	-5.636	4.05920	-5.79510	3.80820	-5.86400	3.80820	-5.86400	9.90000	-2.29960
4.101	-3.667	3.98890	-3.85360	3.81890	-3.91020	3.81890	-3.91020	9.90000	-2.29960
3.997	.207	4.06630	.00030	3.97100	-.00940	3.97100	-.00940	9.90000	-2.29960
3.777	3.960	3.97890	3.87960	3.82370	3.91530	3.82370	3.91530	9.90000	-2.29960
3.845	5.840	4.05910	5.80250	3.83690	5.85080	3.83690	5.85080	9.90000	-2.29960
	GRADIENT	-.00120	1.01377	.00084	1.02587	.00084	1.02587	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S W/SILTS (VBM033) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1639/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.276	-6.081	-8.03440	-6.17830	-8.05940	-5.96640	-8.05940	-5.96640	9.90000	-2.29960
-8.422	-3.961	-8.20460	-4.10510	-8.16760	-3.96150	-8.16760	-3.96150	9.90000	-2.29960
-8.310	.391	-8.23120	.14240	-8.14060	.13710	-8.14060	.13710	9.90000	-2.29960
-8.054	4.358	-8.13520	4.11000	-8.08530	3.98050	-8.08530	3.98050	9.90000	-2.29960
-7.708	6.359	-7.83830	6.13250	-7.83540	5.94530	-7.83540	5.94530	9.90000	-2.29960
	GRADIENT	.00811	.98735	.00983	.95449	.00983	.95449	-.00000	.00000

RUN NO. 1640/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.233	-6.172	-3.97220	-6.18950	-4.06610	-6.03060	-4.06610	-6.03060	9.90000	-2.29960
-4.248	-4.129	-3.99320	-4.18320	-4.02140	-4.07230	-4.02140	-4.07230	9.90000	-2.29960
-4.125	.235	-4.03780	-.01170	-4.00180	-.01270	-4.00180	-.01270	9.90000	-2.29960
-4.013	4.349	-4.16950	4.14020	-4.17930	4.03580	-4.17930	4.03580	9.90000	-2.29960
-3.602	6.274	-3.79430	6.09750	-3.85950	5.95320	-3.85950	5.95320	9.90000	-2.29960
	GRADIENT	-.02069	.98153	-.01839	.95613	-.01839	.95613	.00000	-.00000

RUN NO. 1641/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.155	-6.413	.09140	-6.32760	-.09580	-6.23910	-.09580	-6.23910	9.90000	-2.29960
-.245	-4.234	.00130	-4.14870	-.10690	-4.08070	-.10690	-4.08070	9.90000	-2.29960
-.220	-.222	.02630	-.13650	-.02950	-.10860	-.02950	-.10860	9.90000	-2.29960
-.173	3.658	.07210	3.74280	-.02000	3.73200	-.02000	3.73200	9.90000	-2.29960
-.092	5.693	.15500	5.77900	.00820	5.74790	.00820	5.74790	9.90000	-2.29960
	GRADIENT	.00896	.99992	.01106	.98994	.01106	.98994	.00000	-.00000

RUN NO. 1645/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.120	-5.675	3.94050	-5.86240	3.71000	-5.92140	3.71000	-5.92140	9.90000	-2.29960
4.144	-3.634	4.01130	-3.85910	3.85830	-3.90930	3.85830	-3.90930	9.90000	-2.29960
3.984	.244	4.06890	-.00260	3.98720	-.01150	3.98720	-.01150	9.90000	-2.29960
3.717	3.976	3.96050	3.87950	3.82740	3.90540	3.82740	3.90540	9.90000	-2.29960
3.983	5.936	4.23850	5.88720	4.04040	5.92700	4.04040	5.92700	9.90000	-2.29960
	GRADIENT	-.00653	1.01674	-.00382	1.02674	-.00382	1.02674	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M034) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1646/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.476	-6.052	-8.13290	-6.15980	-8.14140	-5.98420	-8.14140	-5.98420	9.90000	-2.29960
-8.492	-3.898	-8.17730	-4.07160	-8.13580	-3.95430	-8.13580	-3.95430	9.90000	-2.29960
-8.388	.466	-8.24410	.13610	-8.15840	.13420	-8.15840	.13420	9.90000	-2.29960
-7.979	4.446	-8.05310	4.09600	-8.00130	3.98740	-8.00130	3.98740	9.90000	-2.29960
-7.726	6.446	-7.86920	6.11730	-7.85700	5.95960	-7.85700	5.95960	9.90000	-2.29960
	GRADIENT	.01440	.97858	.01578	.95151	.01578	.95151	.00000	.00000

RUN NO. 1647/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.399	-6.182	-4.04030	-6.17630	-4.09640	-6.05050	-4.09640	-6.05050	9.90000	-2.29960
-4.387	-4.098	-4.03030	-4.14280	-4.03240	-4.05590	-4.03240	-4.05590	9.90000	-2.29960
-4.226	.319	-4.07390	-.00660	-4.02620	-.00860	-4.02620	-.00860	9.90000	-2.29960
-3.944	4.429	-4.12970	4.12390	-4.12040	4.04040	-4.12040	4.04040	9.90000	-2.29960
-3.575	6.356	-3.81150	6.08960	-3.84580	5.97290	-3.84580	5.97290	9.90000	-2.29960
	GRADIENT	-.01164	.96913	-.01018	.94914	-.01018	.94914	-.00000	-.00000

RUN NO. 1648/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.304	-6.476	.01980	-6.32710	-.11760	-6.24710	-.11760	-6.24710	9.90000	-2.29960
-.364	-4.295	-.03890	-4.14530	-.11360	-4.08320	-.11360	-4.08320	9.90000	-2.29960
-.384	-.283	-.05850	-.13300	-.09190	-.10410	-.09190	-.10410	9.90000	-2.29960
-.342	3.576	-.01660	3.72600	-.07920	3.72230	-.07920	3.72230	9.90000	-2.29960
-.272	5.621	.05230	5.76880	-.05230	5.74680	-.05230	5.74680	9.90000	-2.29960
	GRADIENT	.00278	.99999	.00438	.99163	.00438	.99163	.00000	-.00000

RUN NO. 1649/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.247	-5.525	4.03700	-5.81190	3.84630	-5.87240	3.84630	-5.87240	9.90000	-2.29960
4.136	-3.541	3.99100	-3.86740	3.87100	-3.91470	3.87100	-3.91470	9.90000	-2.29960
3.791	.327	3.93900	.00210	3.88530	-.00920	3.88530	-.00920	9.90000	-2.29960
3.679	4.002	4.02000	3.89250	3.91910	3.91540	3.91910	3.91540	9.90000	-2.29960
3.691	5.854	4.04760	5.81970	3.89690	5.85070	3.89690	5.85070	9.90000	-2.29960
	GRADIENT	.00369	1.02851	.00635	1.03781	.00635	1.03781	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (V8M035) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1528/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.084	-7.877	-7.97690	-8.05880	-7.96970	-7.94640	-7.96970	-7.94640	9.90000	5.00000
-8.155	-3.668	-8.11570	-3.87460	-8.06480	-3.81990	-8.06480	-3.81990	9.90000	5.00000
-7.925	.345	-8.00400	.15030	-7.93990	.14510	-7.93990	.14510	9.90000	5.00000
-7.642	4.240	-7.81470	4.11900	-7.76600	4.05990	-7.76600	4.05990	9.90000	5.00000
-7.707	8.183	-7.90870	8.12190	-7.88580	8.01660	-7.88580	8.01660	9.90000	5.00000
	GRADIENT	.03801	1.01085	.03775	.99645	.03775	.99645	.00000	-.00000

RUN NO. 1529/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.217	-8.003	-4.06180	-8.14500	-4.10560	-8.04890	-4.10560	-8.04890	9.90000	5.00000
-4.263	-3.780	-4.15320	-3.95990	-4.14510	-3.90680	-4.14510	-3.90680	9.90000	5.00000
-3.895	.182	-3.96890	-.01540	-3.93770	-.01700	-3.93770	-.01700	9.90000	5.00000
-3.857	4.142	-4.05920	4.08420	-4.05540	4.02770	-4.05540	4.02770	9.90000	5.00000
-3.787	8.144	-3.99840	8.14260	-4.03870	8.04920	-4.03870	8.04920	9.90000	5.00000
	GRADIENT	.01187	1.01533	.01132	1.00150	.01132	1.00150	-.00000	.00000

RUN NO. 1530/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.180	-8.340	.01660	-8.41680	-.10200	-8.34820	-.10200	-8.34820	9.90000	5.00000
-.271	-4.286	-.07500	-4.36280	-.13360	-4.31320	-.13360	-4.31320	9.90000	5.00000
-.277	-.259	-.08030	-.33530	-.11650	-.30660	-.11650	-.30660	9.90000	5.00000
-.241	3.736	-.04410	3.66000	-.10100	3.66920	-.10100	3.66920	9.90000	5.00000
-.154	7.758	.04320	7.68500	-.06840	7.67550	-.06840	7.67550	9.90000	5.00000
	GRADIENT	.00384	1.00014	.00406	.99510	.00406	.99510	.00000	.00000

RUN NO. 1531/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.219	-7.787	4.00960	-7.80080	3.82440	-7.85240	3.82440	-7.85240	9.90000	5.00000
4.233	-3.881	4.03930	-3.96450	3.95190	-4.00040	3.95190	-4.00040	9.90000	5.00000
4.241	.191	4.16420	-.00520	4.12090	-.00850	4.12090	-.00850	9.90000	5.00000
3.872	4.126	3.95870	3.93410	3.88400	3.95740	3.88400	3.95740	9.90000	5.00000
3.860	7.959	4.00680	7.80830	3.85750	7.84610	3.85750	7.84610	9.90000	5.00000
	GRADIENT	-.00983	.98640	- 00819	.99380	-.00819	.99380	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (VBM035) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .500 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1532/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
8.216	-7.684	8.01990	-7.76060	7.79650	-7.88510	7.79650	-7.88510	9.90000	5.00000
8.244	-3.814	8.08560	-3.95180	7.96440	-4.02190	7.96440	-4.02190	9.90000	5.00000
8.171	.204	8.09480	.00720	8.01330	-.00010	8.01330	-.00010	9.90000	5.00000
7.982	4.165	8.00760	3.95610	7.89830	4.00240	7.89830	4.00240	9.90000	5.00000
7.966	8.027	8.06090	7.84010	7.86770	7.93770	7.86770	7.93770	9.90000	5.00000
	GRADIENT	-.00975	.99106	-.00824	1.00565	-.00824	1.00565	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (VBM036) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1536/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.221	-5.922	-8.05020	-6.03930	-8.02530	-5.92700	-8.02530	-5.92700	9.90000	5.00000
-8.224	-3.802	-8.07940	-3.95110	-8.02760	-3.87810	-8.02760	-3.87810	9.90000	5.00000
-8.073	.357	-8.04040	.15200	-7.96620	.15040	-7.96620	.15040	9.90000	5.00000
-7.973	4.213	-8.05490	4.02220	-7.99700	3.95240	-7.99700	3.95240	9.90000	5.00000
-7.788	8.243	-7.90610	6.07200	-7.86970	5.96730	-7.86970	5.96730	9.90000	5.00000
	GRADIENT	.00314	.99471	.00396	.97690	.00396	.97690	-.00000	-.00000

RUN NO. 1537/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.284	-6.077	-4.08370	-6.13240	-4.12080	-6.03650	-4.12080	-6.03650	9.90000	5.00000
-4.315	-3.948	-4.12700	-4.03610	-4.13090	-3.96810	-4.13090	-3.96810	9.90000	5.00000
-3.995	.192	-3.95590	-.01170	-3.92620	-.01120	-3.92620	-.01120	9.90000	5.00000
-3.936	4.257	-4.07770	4.10600	-4.08230	4.03890	-4.08230	4.03890	9.90000	5.00000
-3.694	6.258	-3.86090	6.13480	-3.89830	6.04230	-3.89830	6.04230	.00000	-.00000
	GRADIENT	.00612	.99222	.00606	.97576	.00606	.97576		

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (VBM036) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1538/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.212	-6.442	-.00750	-6.40410	-.13130	-6.33730	-.13130	-6.33730	9.90000	5.00000
-.263	-4.428	-.05920	-4.38950	-.14550	-4.33400	-.14550	-4.33400	9.90000	5.00000
-.278	-.393	-.07370	-.35490	-.12420	-.32550	-.12420	-.32550	9.90000	5.00000
-.209	3.621	-.00460	3.65890	-.08250	3.66330	-.08250	3.66330	9.90000	5.00000
-.149	5.634	.05470	5.67220	-.05490	5.66560	-.05490	5.66560	9.90000	5.00000
	GRADIENT	.00677	.99998	.00783	.99363	.00783	.99363	-.00000	.00000

RUN NO. 1539/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.146	-5.695	3.98910	-5.82990	3.80540	-5.88350	3.80540	-5.88350	9.90000	5.00000
4.139	-3.776	4.01380	-3.94170	3.88350	-3.98510	3.88350	-3.98510	9.90000	5.00000
4.108	.197	4.14510	-.00730	4.07440	-.01290	4.07440	-.01290	9.90000	5.00000
3.812	4.027	3.98790	3.91550	3.87600	3.94190	3.87600	3.94190	9.90000	5.00000
3.827	5.932	4.02160	5.86020	3.86790	5.89680	3.86790	5.89680	9.90000	5.00000
	GRADIENT	-.00309	1.00685	-.00066	1.01580	-.00066	1.01580	.00000	-.00000

RUN NO. 1540/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.189	-5.705	6.06110	-5.86820	5.86860	-5.94310	5.86860	-5.94310	9.90000	5.00000
6.107	-3.738	6.01600	-3.92480	5.87290	-3.97960	5.87290	-3.97960	9.90000	5.00000
6.067	.214	6.10550	.00980	6.00870	-.00200	6.00870	-.00200	9.90000	5.00000
5.895	4.110	6.04650	3.96870	5.91790	3.99990	5.91790	3.99990	9.90000	5.00000
5.749	3.950	5.92800	5.84380	5.76500	5.89330	5.76500	5.89330	9.90000	5.00000
	GRADIENT	.00393	1.00573	.00580	1.01669	.00580	1.01669	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M037) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1541/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.126	-5.946	-7.94550	-6.04640	-7.92000	-5.91750	-7.92000	-5.91750	9.90000	5.00000
-8.206	-3.865	-8.04930	-4.00030	-7.99380	-3.91640	-7.99380	-3.91640	9.90000	5.00000
-8.124	.288	-8.07500	.08690	-7.99230	.08570	-7.99230	.08570	9.90000	5.00000
-7.961	4.225	-8.03270	4.03100	-7.96790	3.95120	-7.96790	3.95120	9.90000	5.00000
-7.779	6.245	-7.88720	6.06940	-7.84670	5.94970	-7.84670	5.94970	9.90000	5.00000
	GRADIENT	.00198	.99263	.00318	.97239	.00318	.97239	-.00000	-.00000

RUN NO. 1542/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.280	-6.083	-4.07750	-6.12170	-4.12200	-6.01210	-4.12200	-6.01210	9.90000	5.00000
-4.300	-3.971	-4.10590	-4.04330	-4.11260	-3.96620	-4.11260	-3.96620	9.90000	5.00000
-4.022	.188	-3.96960	-.01210	-3.93750	-.01220	-3.93750	-.01220	9.90000	5.00000
-3.958	4.270	-4.09070	4.11150	-4.09670	4.03280	-4.09670	4.03280	9.90000	5.00000
-3.701	6.259	-3.85970	6.12640	-3.90400	6.01930	-3.90400	6.01930	9.90000	5.00000
	GRADIENT	.00194	.98940	.00205	.97050	.00205	.97050	-.00000	.00000

RUN NO. 1543/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.185	-6.421	.01530	-6.36900	-.13100	-6.29820	-.13100	-6.29820	9.90000	5.00000
-.247	-4.443	-.04690	-4.39140	-.14670	-4.33350	-.14670	-4.33350	9.90000	5.00000
-.279	-.412	-.07900	-.36030	-.13450	-.33100	-.13450	-.33100	9.90000	5.00000
-.188	3.611	.01190	3.66270	-.07660	3.66270	-.07660	3.66270	9.90000	5.00000
-.095	5.641	.10530	5.69250	-.02510	5.68100	-.02510	5.68100	9.90000	5.00000
	GRADIENT	.00730	.99999	.00870	.99280	.00870	.99280	.00000	.00000

RUN NO. 1544/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.131	-5.674	3.98250	-5.81820	3.78470	-5.86910	3.78470	-5.86910	9.90000	5.00000
4.127	-3.764	4.01170	-3.93520	3.86930	-3.97820	3.86930	-3.97820	9.90000	5.00000
4.092	.197	4.14330	-.00300	4.06320	-.01010	4.06320	-.01010	9.90000	5.00000
3.821	4.022	4.00350	3.92480	3.88070	3.94910	3.88070	3.94910	9.90000	5.00000
3.837	5.920	4.03620	5.86320	3.86900	5.89630	3.86900	5.89630	9.90000	5.00000
	GRADIENT	-.00085	1.00950	.00175	1.01814	.00175	1.01814	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M038) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1545/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.019	-5.962	-7.83610	-6.05570	-7.82130	-5.91040	-7.82130	-5.91040	9.90000	5.00000
-8.253	-3.833	-8.09500	-3.96390	-8.04200	-3.86550	-8.04200	-3.86550	9.90000	5.00000
-8.083	.388	-8.03390	.18890	-7.94890	.18590	-7.94890	.18590	9.90000	5.00000
-7.950	4.239	-8.01830	4.04530	-7.95470	3.95390	-7.95470	3.95390	9.90000	5.00000
-7.798	6.265	-7.90340	6.08910	-7.87070	5.95590	-7.87070	5.95590	9.90000	5.00000
	GRADIENT	.00958	.99210	.01100	.96857	.01100	.96857	-.00000	-.00000

RUN NO. 1546/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.260	-6.107	-4.05740	-6.14020	-4.11130	-6.02010	-4.11130	-6.02010	9.90000	5.00000
-4.310	-3.990	-4.11550	-4.05640	-4.12560	-3.97080	-4.12560	-3.97080	9.90000	5.00000
-4.014	.184	-3.95770	-.01300	-3.92320	-.01320	-3.92320	-.01320	9.90000	5.00000
-3.978	4.288	-4.10660	4.12850	-4.11370	4.04230	-4.11370	4.04230	9.90000	5.00000
-3.697	6.279	-3.85290	6.14510	-3.90490	6.03040	-3.90490	6.03040	9.90000	5.00000
	GRADIENT	.00118	.98868	.00157	.96793	.00157	.96793	-.00000	-.00000

RUN NO. 1547/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.132	-6.433	.06610	-6.37710	-.08950	-6.30220	-.08950	-6.30220	9.90000	5.00000
-.196	-4.442	.00180	-4.38620	-.10340	-4.32440	-.10340	-4.32440	9.90000	5.00000
-.211	-.415	-.01320	-.35920	-.06630	-.33020	-.06630	-.33020	9.90000	5.00000
-.115	3.607	.08270	3.66210	-.00800	3.65840	-.00800	3.65840	9.90000	5.00000
-.045	5.635	.15300	5.68980	.01600	5.67330	.01600	5.67330	9.90000	5.00000
	GRADIENT	.01005	.99998	.01185	.99184	.01185	.99184	-.00000	.00000

RUN NO. 1548/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.181	-5.626	4.03600	-5.77170	3.82590	-5.82770	3.82590	-5.82770	9.90000	5.00000
4.132	-3.757	4.01970	-3.92860	3.87160	-3.97280	3.87160	-3.97280	9.90000	5.00000
4.034	.192	4.08880	-.00550	4.00880	-.01150	4.00880	-.01150	9.90000	5.00000
3.816	4.002	3.99920	3.91050	3.87000	3.93480	3.87000	3.93480	9.90000	5.00000
3.858	5.895	4.05720	5.84400	3.87460	5.88150	3.87460	5.88150	9.90000	5.00000
	GRADIENT	-.00252	1.01021	.00001	1.01904	.00001	1.01904	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S W0/SILTS (V8M039) (08 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1549/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.242	-6.026	-8.05720	-6.11290	-8.07000	-5.90800	-8.07000	-5.90800	9.90000	5.00000
-8.195	-3.873	-8.03130	-3.99470	-7.99010	-3.86020	-7.99010	-3.86020	9.90000	5.00000
-8.102	.374	-8.04760	.17750	-7.95920	.17630	-7.95920	.17630	9.90000	5.00000
-7.957	4.263	-8.02200	4.06970	-7.97150	3.94500	-7.97150	3.94500	9.90000	5.00000
-7.791	6.294	-7.89330	6.11780	-7.89180	5.93640	-7.89180	5.93640	9.90000	5.00000
	GRADIENT	.00107	.99110	.00236	.95924	.00236	.95924	-.00000	-.00000

RUN NO. 1550/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.272	-6.180	-4.07040	-6.20640	-4.17930	-6.04140	-4.17930	-6.04140	9.90000	5.00000
-4.288	-3.994	-4.09310	-4.05200	-4.12790	-3.93890	-4.12790	-3.93890	9.90000	5.00000
-4.012	.178	-3.94940	-.01580	-3.92190	-.01430	-3.92190	-.01430	9.90000	5.00000
-3.992	4.298	-4.11680	4.13720	-4.15170	4.02050	-4.15170	4.02050	9.90000	5.00000
-3.643	6.313	-3.79490	6.17740	-3.90510	6.02100	-3.90510	6.02100	9.90000	5.00000
	GRADIENT	-.00278	.98755	-.00276	.95984	-.00276	.95984	.00000	-.00000

RUN NO. 1551/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.004	-6.471	.19060	-6.41060	-.03500	-6.32530	-.03500	-6.32530	9.90000	5.00000
-.093	-4.441	.10150	-4.38040	-.04410	-4.31320	-.04410	-4.31320	9.90000	5.00000
-.094	-.414	.10080	-.35360	.02980	-.32330	.02980	-.32330	9.90000	5.00000
.000	3.621	.19480	3.68160	.07310	3.67670	.07310	3.67670	9.90000	5.00000
.144	5.633	.33820	5.69320	.14390	5.67220	.14390	5.67220	9.90000	5.00000
	GRADIENT	.01158	.99998	.01454	.99103	.01454	.99103	-.00000	-.00000

RUN NO. 1552/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.255	-5.673	4.11400	-5.82010	3.86660	-5.88790	3.86660	-5.88790	9.90000	5.00000
4.115	-3.746	4.00550	-3.91850	3.83410	-3.97200	3.83410	-3.97200	9.90000	5.00000
4.019	.192	4.07950	-.00220	3.98440	-.01180	3.98440	-.01180	9.90000	5.00000
3.871	3.980	4.05730	3.89740	3.90110	3.93070	3.90110	3.93070	9.90000	5.00000
3.896	5.868	4.09520	5.82760	3.86980	5.87470	3.86980	5.87470	9.90000	5.00000
	GRADIENT	.00678	1.01143	.00887	1.02266	.00887	1.02266	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M040) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1553/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.267	-6.032	-8.08040	-6.11670	-8.09670	-5.90750	-8.09670	-5.90750	9.90000	5.00000
-8.217	-3.875	-8.05130	-3.99400	-8.00880	-3.85760	-8.00880	-3.85760	9.90000	5.00000
-8.093	.375	-8.03680	.17840	-7.94650	.17370	-7.94650	.17370	9.90000	5.00000
-7.978	4.276	-8.04210	4.08160	-7.99710	3.94750	-7.99710	3.94750	9.90000	5.00000
-7.740	6.333	-7.84160	6.15550	-7.85360	5.95860	-7.85360	5.95860	9.90000	5.00000
	GRADIENT	.00116	.99068	.00163	.95749	.00163	.95749	-.00000	-.00000

RUN NO. 1560/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.330	-6.233	-4.12640	-6.25620	-4.24430	-6.08630	-4.24430	-6.08630	9.90000	5.00000
-4.174	-4.006	-3.97650	-4.05850	-4.01530	-3.94790	-4.01530	-3.94790	9.90000	5.00000
-3.906	.178	-3.84090	-.01590	-3.81550	-.01650	-3.81550	-.01650	9.90000	5.00000
-4.001	4.455	-4.12630	4.29360	-4.17350	4.16870	-4.17350	4.16870	9.90000	5.00000
-3.688	6.358	-3.83810	6.21930	-3.96280	6.05340	-3.96280	6.05340	9.90000	5.00000
	GRADIENT	-.01788	.98712	-.01894	.95929	-.01894	.95929	.00000	-.00000

RUN NO. 1561/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.012	-6.409	.20700	-6.34510	-.02470	-6.26480	-.02470	-6.26480	9.90000	5.00000
-.075	-4.396	.11950	-4.33310	-.02540	-4.27250	-.02540	-4.27250	9.90000	5.00000
-.113	-.350	.08110	-.28690	.01430	-.26020	.01430	-.26020	9.90000	5.00000
-.030	3.704	.16460	3.76760	.04160	3.75990	.04160	3.75990	9.90000	5.00000
.116	5.852	.31030	5.91520	.10990	5.89150	.10990	5.89150	9.90000	5.00000
	GRADIENT	.00557	1.00000	.00827	.99157	.00827	.99157	.00000	.00000

RUN NO. 1562/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.246	-5.620	4.10580	-5.76920	3.84920	-5.84960	3.84920	-5.84960	9.90000	5.00000
4.110	-3.696	4.00210	-3.86920	3.82860	-3.93230	3.82860	-3.93230	9.90000	5.00000
3.896	.199	3.95920	.00410	3.96880	-.00520	3.86880	-.00520	9.90000	5.00000
3.839	3.937	4.02630	3.85600	3.86890	3.89510	3.86890	3.89510	9.90000	5.00000
3.885	5.830	4.08550	5.79040	3.85550	5.84610	3.85550	5.84610	9.90000	5.00000
	GRADIENT	.00307	1.01200	.00531	1.02539	.00531	1.02539	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M041) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1563/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.307	-6.109	-8.11730	-6.19240	-8.14680	-5.96970	-8.14680	-5.96970	9.90000	5.00000
-8.191	-3.915	-8.02180	-4.03380	-7.98540	-3.89660	-7.98540	-3.89660	9.90000	5.00000
-8.185	.342	-8.12430	.14450	-8.03720	.14080	-8.03720	.14080	9.90000	5.00000
-8.015	4.313	-8.07860	4.11650	-8.03480	3.98060	-8.03480	3.98060	9.90000	5.00000
-7.783	6.377	-7.88530	6.19740	-7.90270	5.99220	-7.90270	5.99220	9.90000	5.00000
	GRADIENT	-.00711	.99041	-.00608	.95722	-.00608	.95722	-.00000	-.00000

RUN NO. 1564/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.953	-6.221	-5.75260	-6.27150	-5.84100	-6.07040	-5.84100	-6.07040	9.90000	5.00000
-6.285	-4.045	-6.09930	-4.13640	-6.10260	-4.00220	-6.10260	-4.00220	9.90000	5.00000
-6.197	.213	-6.13140	.01640	-6.07380	.01110	-6.07380	.01110	9.90000	5.00000
-6.009	4.288	-6.09860	4.10150	-6.09790	3.96690	-6.09790	3.96690	9.90000	5.00000
-5.908	6.366	-6.03140	6.20020	-6.09790	6.00580	-6.09790	6.00580	9.90000	5.00000
	GRADIENT	.00003	.98849	.00061	.95623	.00061	.95623	.00000	.00000

RUN NO. 1565/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.167	.206	-4.10180	.00970	-4.07540	.00700	-4.07540	.00700	9.90000	5.00000
-4.040	4.344	-4.16290	4.17790	-4.20650	4.05350	-4.20650	4.05350	9.90000	5.00000
-3.642	6.387	-3.79400	6.22660	-3.91900	6.05840	-3.91900	6.05840	9.90000	5.00000
	GRADIENT	-.01476	1.00723	-.03168	.97782	-.03168	.97782	.00000	.00000

RUN NO. 1566/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.015	-6.207	.21130	-6.14170	-.00870	-6.06380	-.00870	-6.06380	9.90000	5.00000
-.059	-4.209	.13750	-4.14360	-.00290	-4.08330	-.00290	-4.08330	9.90000	5.00000
-.077	-.329	.11910	-.26380	.04690	-.23710	.04690	-.23710	9.90000	5.00000
.039	3.838	.23540	3.90370	.10490	3.89470	.10490	3.89470	9.90000	5.00000
.172	5.826	.36860	5.89180	.16420	5.86730	.16420	5.86730	9.90000	5.00000
	GRADIENT	.01236	.99999	.01340	.99138	.01340	.99138	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (VBM041) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1567/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.284	-5.563	4.14480	-5.71590	3.89180	-5.79480	3.89180	-5.79480	9.90000	5.00000
4.113	-3.684	4.00540	-3.86100	3.83120	-3.92450	3.83120	-3.92450	9.90000	5.00000
3.992	.196	4.05640	-.00050	3.96070	-.01220	3.96070	-.01220	9.90000	5.00000
3.798	3.931	3.98940	3.85230	3.83110	3.88770	3.83110	3.88770	9.90000	5.00000
3.872	5.832	4.07530	5.79450	3.84580	5.84520	3.84580	5.84520	9.90000	5.00000
	GRADIENT	-.00200	1.01274	.00020	1.02573	.00020	1.02573	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (VBM042) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1568/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.238	-6.092	-8.03650	-6.17770	-8.06940	-5.95620	-8.06940	-5.95620	9.90000	5.00000
-8.307	-3.919	-8.12760	-4.04340	-8.09340	-3.89640	-8.09340	-3.89640	9.90000	5.00000
-8.140	.350	-8.07560	.14170	-7.99240	.13960	-7.99240	.13960	9.90000	5.00000
-8.012	4.315	-8.07920	4.10790	-8.04080	3.96810	-8.04080	3.96810	9.90000	5.00000
-7.758	6.417	-7.86620	6.22830	-7.88560	6.02250	-7.88560	6.02250	9.90000	5.00000
	GRADIENT	.00596	.98978	.00661	.95495	.00661	.95495	-.00000	-.00000

RUN NO. 1569/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.270	-6.214	-4.05240	-6.23520	-4.17400	-6.06290	-4.17400	-6.06290	9.90000	5.00000
-4.309	-4.041	-4.09790	-4.09650	-4.13910	-3.97920	-4.13910	-3.97920	9.90000	5.00000
-4.105	.197	-4.03400	-.01000	-4.00720	-.00800	-4.00720	-.00800	9.90000	5.00000
-4.026	4.355	-4.15570	4.17990	-4.19190	4.06390	-4.19190	4.06390	9.90000	5.00000
-3.659	6.375	-3.81900	6.22650	-3.92500	6.06810	-3.92500	6.06810	9.90000	5.00000
	GRADIENT	-.00681	.98568	-.00617	.95789	-.00617	.95789	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M042) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1570/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.005	-6.212	.21150	-6.14140	.00440	-6.06180	.00440	-6.06180	9.90000	5.00000
-.047	-4.195	.15970	-4.12450	.02640	-4.06360	.02640	-4.06360	9.90000	5.00000
-.037	-.339	.16960	-.26840	.09790	-.24190	.09790	-.24190	9.90000	5.00000
.040	3.843	.24670	3.91350	.12220	3.90340	.12220	3.90340	9.90000	5.00000
.148	5.821	.35420	5.89110	.16410	5.86400	.16410	5.86400	9.90000	5.00000
	GRADIENT	.01093	.99997	.01183	.99114	.01183	.99114	-.00000	.00000

RUN NO. 1571/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.289	-5.563	4.14210	-5.72430	3.89490	-5.79550	3.89490	-5.79550	9.90000	5.00000
4.098	-3.679	3.98460	-3.86510	3.81520	-3.92230	3.81520	-3.92230	9.90000	5.00000
3.967	.211	4.03640	.00460	3.94310	-.00660	3.94310	-.00660	9.90000	5.00000
3.789	3.935	3.99090	3.85310	3.83960	3.88700	3.83960	3.88700	9.90000	5.00000
3.875	5.840	4.08930	5.80190	3.86980	5.84990	3.86980	5.84990	9.90000	5.00000
	GRADIENT	.00092	1.01365	.00343	1.02562	.00343	1.02562	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M043) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1573/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.262	-6.073	-8.02180	-6.16880	-8.04130	-5.96270	-8.04130	-5.96270	9.90000	5.00000
-8.310	-3.897	-8.09400	-4.03920	-8.05240	-3.90470	-8.05240	-3.90470	9.90000	5.00000
-8.124	.396	-8.04630	.14910	-7.95670	.14020	-7.95670	.14020	9.90000	5.00000
-8.020	4.360	-8.10030	4.11350	-8.05130	3.98250	-8.05130	3.98250	9.90000	5.00000
-7.810	6.432	-7.93970	6.20600	-7.93770	6.01610	-7.93770	6.01610	9.90000	5.00000
	GRADIENT	-.00060	.98727	.00044	.95509	.00044	.95509	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M043) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1575/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.287	-6.166	-4.02680	-6.18500	-4.11480	-6.02900	-4.11480	-6.02900	9.90000	5.00000
-4.374	-4.036	-4.11950	-4.09640	-4.13990	-3.98870	-4.13990	-3.98870	9.90000	5.00000
-4.114	.232	-4.02610	-.01490	-3.98790	-.01510	-3.98790	-.01510	9.90000	5.00000
-4.065	4.376	-4.21810	4.16530	-4.23060	4.05790	-4.23060	4.05790	9.90000	5.00000
-3.699	6.409	-3.88970	6.23120	-3.95760	6.08410	-3.95760	6.08410	9.90000	5.00000
	GRADIENT	-.01155	.98199	-.01055	.95642	-.01055	.95642	.00000	.00000

RUN NO. 1577/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.159	-6.360	.08720	-6.27480	-.09590	-6.18750	-.09590	-6.18750	9.90000	5.00000
-.231	-4.245	.01540	-4.15920	-.09190	-4.09200	-.09190	-4.09200	9.90000	5.00000
-.182	-.362	.06390	-.27650	.00800	-.24770	.00800	-.24770	9.90000	5.00000
-.138	3.676	.10870	3.76240	.01560	3.75180	.01560	3.75180	9.90000	5.00000
-.044	5.859	.20300	5.94430	.05080	5.91250	.05080	5.91250	9.90000	5.00000
	GRADIENT	.01177	1.00006	.01349	.99024	.01349	.99024	.00000	.00000

RUN NO. 1578/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.254	-5.587	4.07850	-5.77920	3.84620	-5.84320	3.84620	-5.84320	9.90000	5.00000
4.102	-3.647	3.96710	-3.86960	3.81200	-3.92190	3.81200	-3.92190	9.90000	5.00000
3.884	.245	3.96790	-.00080	3.88620	-.01220	3.88620	-.01220	9.90000	5.00000
3.769	3.962	4.00990	3.86460	3.87580	3.88960	3.87580	3.88960	9.90000	5.00000
3.796	5.837	4.05200	5.79270	3.85770	5.82770	3.85770	5.82770	9.90000	5.00000
	GRADIENT	.00558	1.01629	.00847	1.02646	.00847	1.02646	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S W0/SILTS (V8M044) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
1B-ELV = 10.000 0B-ELV = 5.000

RUN NO. 1579/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.428	-6.030	-8.08670	-6.13720	-8.09430	-5.96460	-8.09430	-5.96460	9.90000	5.00000
-8.411	-3.855	-8.09610	-4.02790	-8.05350	-3.91640	-8.05350	-3.91640	9.90000	5.00000
-8.231	.475	-8.08790	.14500	-8.00360	.14170	-8.00360	.14170	9.90000	5.00000
-8.012	4.455	-8.08470	4.10300	-8.03560	3.99010	-8.03560	3.99010	9.90000	5.00000
-7.763	6.494	-7.90500	6.16470	-7.89560	6.00250	-7.89560	6.00250	9.90000	5.00000
	GRADIENT	.00138	.97819	.00229	.95120	.00229	.95120	.00000	-.00000

RUN NO. 1580/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.462	-6.161	-4.10620	-6.15840	-4.16130	-6.03250	-4.16130	-6.03250	9.90000	5.00000
-4.481	-4.016	-4.13100	-4.06890	-4.13040	-3.98390	-4.13040	-3.98390	9.90000	5.00000
-4.183	.312	-4.03150	-.01150	-3.98500	-.01380	-3.98500	-.01380	9.90000	5.00000
-3.959	4.439	-4.14340	4.13380	-4.13620	4.04780	-4.13620	4.04780	9.90000	5.00000
-3.646	6.504	-3.88290	6.23620	-3.92210	6.11520	-3.92210	6.11520	9.90000	5.00000
	GRADIENT	-.00127	.96997	-.00041	.94975	-.00041	.94975	.00000	.00000

RUN NO. 1581/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.308	-6.308	.01770	-6.15650	-.11400	-6.07990	-.11400	-6.07990	9.90000	5.00000
-.386	-4.257	-.05980	-4.10630	-.13370	-4.04530	-.13370	-4.04530	9.90000	5.00000
-.375	-.423	-.04850	-.27090	-.08300	-.24150	-.08300	-.24150	9.90000	5.00000
-.309	3.750	.01650	3.89970	-.05120	3.89470	-.05120	3.89470	9.90000	5.00000
-.228	5.739	.09740	5.88880	-.01430	5.86620	-.01430	5.86620	9.90000	5.00000
	GRADIENT	.00962	.99987	.01026	.99163	.01026	.99163	.00000	.00000

RUN NO. 1582/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.311	-5.444	4.10400	-5.73780	3.91290	-5.80140	3.91290	-5.80140	9.90000	5.00000
4.121	-3.564	3.97430	-3.89130	3.85190	-3.94080	3.85190	-3.94080	9.90000	5.00000
3.859	.328	4.00710	.00330	3.95090	-.00950	3.95090	-.00950	9.90000	5.00000
3.633	3.975	3.97400	3.86760	3.87380	3.89010	3.87380	3.89010	9.90000	5.00000
3.687	5.855	4.04290	5.82190	3.89190	5.85290	3.89190	5.85290	9.90000	5.00000
	GRADIENT	.00005	1.02889	.00316	1.03844	.00316	1.03844	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M045) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
1B-ELV = 10.000 0B-ELV = 9.000

RUN NO. 1619/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.240	-7.912	-8.13340	-8.09310	-8.12720	-7.97720	-8.12720	-7.97720	9.90000	8.92000
-8.185	-3.736	-8.14770	-3.94340	-8.09870	-3.88650	-8.09870	-3.88650	9.90000	8.92000
-8.038	.306	-8.11500	.11120	-8.05000	.10630	-8.05000	.10630	9.90000	8.92000
-7.727	4.279	-7.89870	4.15720	-7.85140	4.09560	-7.85140	4.09560	9.90000	8.92000
-7.758	8.237	-7.95950	8.17450	-7.94260	8.06140	-7.94260	8.06140	9.90000	8.92000
	GRADIENT	.03100	1.01075	.03080	.99596	.03080	.99596	.00000	-.00000

RUN NO. 1620/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.206	-8.027	-4.05130	-8.16960	-4.09970	-8.07150	-4.09970	-8.07150	9.90000	8.92000
-4.308	-3.801	-4.19880	-3.98090	-4.19200	-3.92700	-4.19200	-3.92700	9.90000	8.92000
-3.970	.188	-4.04350	-.00860	-4.01250	-.01050	-4.01250	-.01050	9.90000	8.92000
-3.891	4.170	-4.09260	4.10950	-4.09110	4.05150	-4.09110	4.05150	9.90000	8.92000
-3.606	8.284	-3.81580	8.28410	-3.86890	8.18530	-3.86890	8.18530	9.90000	8.92000
	GRADIENT	.01341	1.01494	.01267	1.00090	.01267	1.00090	.00000	-.00000

RUN NO. 1621/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.159	-8.356	.03800	-8.42940	-.08550	-8.36010	-.08550	-8.36010	9.90000	8.92000
-.251	-4.244	-.05400	-4.31690	-.11410	-4.26740	-.11410	-4.26740	9.90000	8.92000
-.232	-.205	-.03550	-.27890	-.07470	-.25010	-.07470	-.25010	9.90000	8.92000
-.195	3.811	.00140	3.73820	-.06020	3.74640	-.06020	3.74640	9.90000	8.92000
-.118	7.833	.07800	7.75880	-.03940	7.74890	-.03940	7.74890	9.90000	8.92000
	GRADIENT	.00688	.99994	.00669	.99481	.00669	.99481	.00000	.00000

RUN NO. 1622/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.139	-7.742	3.92850	-7.75230	3.74840	-7.80090	3.74840	-7.80090	9.90000	8.92000
4.234	-3.844	4.03950	-3.92650	3.95030	-3.96010	3.95030	-3.96010	9.90000	8.92000
4.149	.192	4.06910	-.00430	4.02560	-.00470	4.02560	-.00470	9.90000	8.92000
3.854	4.099	3.93790	3.90470	3.86240	3.92900	3.86240	3.92900	9.90000	8.92000
3.907	7.946	4.05170	7.79180	3.89860	7.83180	3.89860	7.83180	9.90000	8.92000
	GRADIENT	-.01268	.98585	-.01090	.99314	-.01090	.99314	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M046) (08 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
1B-ELV = 10.000 0B-ELV = 9.000

RUN NO. 1614/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.343	-5.965	-8.17250	-6.08330	-8.14690	-5.96720	-8.14690	-5.96720	9.90000	8.92000
-8.266	-3.837	-8.12110	-3.98630	-8.06940	-3.91230	-8.06940	-3.91230	9.90000	8.92000
-8.188	.339	-8.15420	.13450	-8.07830	.13070	-8.07830	.13070	9.90000	8.92000
-7.993	4.256	-8.07530	4.06570	-8.01970	3.99110	-8.01970	3.99110	9.90000	8.92000
-7.831	6.290	-7.95010	6.11970	-7.91640	6.00930	-7.91640	6.00930	9.90000	8.92000
	GRADIENT	.00591	.99477	.00605	.97641	.00605	.97641	-.00000	-.00000

RUN NO. 1615/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.336	-6.111	-4.13650	-6.16730	-4.17420	-6.06960	-4.17420	-6.06960	9.90000	8.92000
-4.330	-3.952	-4.14220	-4.04150	-4.14570	-3.97360	-4.14570	-3.97360	9.90000	8.92000
-4.067	.196	-4.02790	-.00790	-3.99730	-.00890	-3.99730	-.00890	9.90000	8.92000
-3.933	4.275	-4.07560	4.12340	-4.08280	4.05350	-4.08280	4.05350	9.90000	8.92000
-3.722	6.330	-3.88960	6.20640	-3.93080	6.10920	-3.93080	6.10920	9.90000	8.92000
	GRADIENT	.00815	.99242	.00773	.97567	.00773	.97567	-.00000	-.00000

RUN NO. 1616/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.146	-6.236	.05850	-6.19810	-.06300	-6.13320	-.06300	-6.13320	9.90000	8.92000
-.216	-4.130	-.01200	-4.09160	-.09480	-4.03820	-.09480	-4.03820	9.90000	8.92000
-.224	-.317	-.01950	-.27810	-.07290	-.24910	-.07290	-.24910	9.90000	8.92000
-.153	3.901	.05090	3.93850	-.03370	3.94120	-.03370	3.94120	9.90000	8.92000
-.060	3.831	.14450	5.86870	.02550	5.86070	.02550	5.86070	9.90000	8.92000
	GRADIENT	.00799	.99992	.00764	.99361	.00764	.99361	-.00000	-.00000

RUN NO. 1617/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.112	-5.654	3.95380	-5.78890	3.77110	-5.83950	3.77110	-5.83950	9.90000	8.92000
4.152	-3.747	4.02740	-3.91270	3.89890	-3.95340	3.89890	-3.95340	9.90000	8.92000
4.104	.201	4.14240	-.00330	4.07030	-.00580	4.07030	-.00580	9.90000	8.92000
3.755	3.998	3.93070	3.88840	3.81670	3.91520	3.81670	3.91520	9.90000	8.92000
3.690	5.851	3.88580	5.78150	3.73270	5.81610	3.73270	5.81610	9.90000	8.92000
	GRADIENT	-.01221	1.00709	-.01026	1.01581	-.01026	1.01581	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M046) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1618/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.137	-5.675	6.00880	-5.83840	5.82120	-5.90820	5.82120	-5.90820	9.90000	8.92000
6.030	-3.703	5.93810	-3.88880	5.79930	-3.93820	5.79930	-3.93820	9.90000	8.92000
6.019	.211	6.05640	.00670	5.95930	-.00290	5.95930	-.00290	9.90000	8.92000
5.844	4.071	5.99540	3.92940	5.86660	3.95970	5.86660	3.95970	9.90000	8.92000
5.709	5.917	5.88770	5.81220	5.72480	5.85820	5.72480	5.85320	9.90000	8.92000
	GRADIENT	.00742	1.00569	.00873	1.01594	.00873	1.01594	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M047) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1588/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.310	-6.000	-8.13040	-6.10290	-8.10830	-5.96490	-8.10830	-5.96490	9.90000	8.92000
-8.257	-3.857	-8.10180	-3.99360	-8.04820	-3.90260	-8.04820	-3.90260	9.90000	8.92000
-8.202	.340	-8.15470	.13900	-8.07020	.13710	-8.07020	.13710	9.90000	8.92000
-8.003	4.262	-8.07480	4.06850	-8.00920	3.98630	-8.00920	3.98630	9.90000	8.92000
-7.868	6.301	-7.97670	6.12540	-7.93100	6.00360	-7.93100	6.00360	9.90000	8.92000
	GRADIENT	.00314	.99277	.00469	.97143	.00469	.97143	.00000	.00000

RUN NO. 1589/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.271	-6.105	-4.06780	-6.14440	-4.11590	-6.03190	-4.11590	-6.03190	9.90000	8.92000
-4.341	-3.998	-4.14820	-4.07130	-4.15780	-3.99080	-4.15780	-3.99080	9.90000	8.92000
-4.088	.193	-4.03520	-.00740	-4.00080	-.00830	-4.00080	-.00830	9.90000	8.92000
-3.967	4.281	-4.09920	4.12270	-4.10480	4.04220	-4.10480	4.04220	9.90000	8.92000
-3.753	6.346	-3.91160	6.21360	-3.95140	6.10170	-3.95140	6.10170	9.90000	8.92000
	GRADIENT	.00601	.98961	.00653	.97017	.00653	.97017	-.00000	-.00000

1A105A, AEDC PWT-TF470, 0 T S W/SILTS (V8M047) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1590/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.117	-6.491	.08330	-6.43930	-.06880	-6.36830	-.06880	-6.36830	9.90000	8.92000
-.191	-4.145	.00890	-4.09300	-.09090	-4.03820	-.09090	-4.03820	9.90000	8.92000
-.213	-.312	-.01340	-.26000	-.07160	-.23090	-.07160	-.23090	9.90000	8.92000
-.159	3.697	.04090	3.74880	-.05170	3.74860	-.05170	3.74860	9.90000	8.92000
-.059	5.872	.14110	5.92390	.00370	5.90920	.00370	5.90920	9.90000	8.92000
	GRADIENT	.00415	.99997	.00500	.99296	.00500	.99296	.00000	.00000

RUN NO. 1591/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.240	-5.722	4.09150	-5.86570	3.89260	-5.91630	3.89260	-5.91630	9.90000	8.92000
4.161	-3.737	4.04700	-3.90950	3.90610	-3.95070	3.90610	-3.95070	9.90000	8.92000
4.069	.201	4.12070	.00080	4.04010	-.00330	4.04010	-.00330	9.90000	8.92000
3.745	3.947	3.92780	3.85000	3.80530	3.87440	3.80530	3.87440	9.90000	8.92000
3.820	5.883	4.01950	5.82760	3.84940	5.85870	3.84940	5.85870	9.90000	8.92000
	GRADIENT	-.01522	1.00968	-.01271	1.01823	-.01271	1.01823	.00000	.00000

1A105A, AEDC PWT-TF470, 0 T S W/SILTS (V8M048) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1592/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.094	-6.112	-7.91130	-6.20490	-7.89920	-6.05370	-7.89920	-6.05370	9.90000	8.92000
-8.246	-3.885	-8.08790	-4.01600	-8.03580	-3.91700	-8.03580	-3.91700	9.90000	8.92000
-8.212	.298	-8.16040	.09940	-8.07290	.09820	-8.07290	.09820	9.90000	8.92000
-7.743	4.325	-7.81520	4.13250	-7.75480	4.04100	-7.75480	4.04100	9.90000	8.92000
-7.936	6.324	-8.04140	6.14760	-8.00780	6.00560	-8.00780	6.00560	9.90000	8.92000
	GRADIENT	.03289	.99248	.03395	.96927	.03395	.96927	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S W/SILTS (V8M048) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1593/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.268	-6.134	-4.06570	-6.16820	-4.11950	-6.04770	-4.11950	-6.04770	9.90000	8.92000
-4.334	-4.011	-4.14030	-4.07890	-4.15110	-3.99290	-4.15110	-3.99290	9.90000	8.92000
-4.100	.190	-4.04350	-.00800	-4.00830	-.00880	-4.00830	-.00880	9.90000	8.92000
-3.974	4.296	-4.10310	4.13650	-4.11000	4.04980	-4.11000	4.04980	9.90000	8.92000
-3.742	6.349	-3.89820	6.21530	-3.94800	6.09570	-3.94800	6.09570	9.90000	8.92000
	GRADIENT	.00455	.98886	.00506	.96807	.00506	.96807	.00000	-.00000

RUN NO. 1594/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.068	-6.221	.12940	-6.16570	-.02270	-6.09300	-.02270	-6.09300	9.90000	8.92000
-.142	-4.175	.05570	-4.12020	-.04510	-4.06200	-.04510	-4.06200	9.90000	8.92000
-.160	-.325	.03720	-.26950	-.01740	-.24150	-.01740	-.24150	9.90000	8.92000
-.094	3.674	.10430	3.72930	.01150	3.72600	.01150	3.72600	9.90000	8.92000
.016	5.891	.21400	5.94600	.07010	5.92790	.07010	5.92790	9.90000	8.92000
	GRADIENT	.00626	1.00001	.00721	.99218	.00721	.99218	.00000	.00000

RUN NO. 1595/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.168	-5.644	4.02190	-5.78850	3.81360	-5.84330	3.81360	-5.84330	9.90000	8.92000
4.140	-3.721	4.02780	-3.89290	3.88320	-3.93630	3.88320	-3.93630	9.90000	8.92000
3.995	.200	4.04990	.00230	3.96990	-.00130	3.96990	-.00130	9.90000	8.92000
3.783	3.971	3.96690	3.87940	3.83930	3.90330	3.83930	3.90330	9.90000	8.92000
3.844	3.873	4.04320	5.82240	3.86340	5.85930	3.86340	5.85930	9.90000	8.92000
	GRADIENT	-.00783	1.01041	-.00552	1.01916	-.00552	1.01916	.00000	-.00000

1A105A, AEDC PWT-TF470, O T S W/SILTS (V8M049) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
1B-ELV = 10.000 0B-ELV = 9.000

RUN NO. 1596/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.253	-6.059	-8.06940	-6.14670	-8.08460	-5.94200	-8.08460	-5.94200	9.90000	8.92000
-8.285	-3.918	-8.12250	-4.04060	-8.08170	-3.90230	-8.08170	-3.90230	9.90000	8.92000
-8.206	.341	-8.15040	.14530	-8.06000	.14450	-8.06000	.14450	9.90000	8.92000
-7.985	4.303	-8.05160	4.11050	-8.00030	3.98290	-8.00030	3.98290	9.90000	8.92000
-7.819	6.370	-7.92210	6.19420	-7.92120	6.00320	-7.92120	6.00320	9.90000	8.92000
	GRADIENT	.00843	.99134	.00984	.95899	.00984	.95899	-.00000	-.00000

RUN NO. 1597/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.184	-6.146	-3.98190	-6.17230	-4.09350	-6.00770	-4.09350	-6.00770	9.90000	8.92000
-4.355	-4.052	-4.16060	-4.11120	-4.19640	-3.99540	-4.19640	-3.99540	9.90000	8.92000
-4.085	.183	-4.02370	-.01140	-3.99460	-.00980	-3.99460	-.00980	9.90000	8.92000
-4.008	4.322	-4.13330	4.16130	-4.16720	4.04320	-4.16720	4.04320	9.90000	8.92000
-3.664	6.373	-3.81590	6.23750	-3.92430	6.07560	-3.92430	6.07560	9.90000	8.92000
	GRADIENT	.00337	.98783	.00366	.95990	.00366	.95990	-.00000	.00000

RUN NO. 1598/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.067	-6.212	.26170	-6.15080	.04660	-6.07090	.04660	-6.07090	9.90000	8.92000
-.040	-4.189	.15470	-4.12860	.01800	-4.06560	.01800	-4.06560	9.90000	8.92000
-.034	-.327	.16020	-.26660	.08750	-.23730	.08750	-.23730	9.90000	8.92000
.041	3.848	.23530	3.90870	.10660	3.90230	.10660	3.90230	9.90000	8.92000
.203	5.823	.39790	5.88420	.19370	5.86290	.19370	5.86290	9.90000	8.92000
	GRADIENT	.01014	.99999	.01094	.99135	.01094	.99135	-.00000	.00000

RUN NO. 1599/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.099	-5.594	3.95600	-5.73920	3.71400	-5.80200	3.71400	-5.80200	9.90000	8.92000
4.130	-3.699	4.02150	-3.87190	3.85210	-3.92390	3.85210	-3.92390	9.90000	8.92000
4.088	.196	4.14880	.00200	4.05240	-.00680	4.05240	-.00680	9.90000	8.92000
3.738	3.934	3.92540	3.85320	3.77310	3.88360	3.77310	3.88360	9.90000	8.92000
3.852	5.830	4.05190	5.79030	3.83050	5.83520	3.83050	5.83520	9.90000	8.92000
	GRADIENT	-.01227	1.01193	-.00991	1.02272	-.00991	1.02272	.00000	.00000

1A105A, AEDC PWT-TF470, 0 T S W/SILTS (V8M050) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1600/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.176	-6.122	-7.98940	-6.20430	-8.01180	-5.99260	-8.01180	-5.99260	9.90000	8.92000
-8.311	-3.922	-8.14550	-4.04170	-8.10300	-3.90220	-8.10300	-3.90220	9.90000	8.92000
-8.183	.343	-8.12470	.14640	-8.03280	.14450	-8.03280	.14450	9.90000	8.92000
-8.029	4.314	-8.09360	4.12000	-8.04540	3.98640	-8.04540	3.98640	9.90000	8.92000
-7.781	6.381	-7.88360	6.20440	-7.89380	6.00380	-7.89380	6.00380	9.90000	8.92000
	GRADIENT	.00628	.99092	.00711	.95776	.00711	.95776	.00000	.00000

RUN NO. 1602/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.174	-6.179	-3.97040	-6.20250	-4.09200	-6.03580	-4.09200	-6.03580	9.90000	8.92000
-4.379	-4.037	-4.18270	-4.09400	-4.21920	-3.97950	-4.21920	-3.97950	9.90000	8.92000
-4.103	.185	-4.03950	-.00900	-4.00970	-.01000	-4.00970	-.01000	9.90000	8.92000
-4.031	4.326	-4.15360	4.16300	-4.19730	4.04110	-4.19730	4.04110	9.90000	8.92000
-3.635	6.387	-3.78580	6.24880	-3.91020	6.08250	-3.91020	6.08250	9.90000	8.92000
	GRADIENT	.00358	.98721	.00277	.95895	.00277	.95895	.00000	-.00000

RUN NO. 1603/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.067	-6.218	.26100	-6.15470	.03840	-6.07790	.03840	-6.07790	9.90000	8.92000
-.029	-4.166	.16570	-4.10330	.02740	-4.04530	.02740	-4.04530	9.90000	8.92000
-.064	-.340	.13090	-.27640	.06090	-.24900	.06090	-.24900	9.90000	8.92000
.028	3.866	.22280	3.92890	.09380	3.92170	.09380	3.92170	9.90000	8.92000
.139	5.824	.33340	5.88720	.13100	5.86510	.13100	5.86510	9.90000	8.92000
	GRADIENT	.00735	.99997	.00826	.99186	.00826	.99186	-.00000	.00000

RUN NO. 1604/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.108	-5.596	3.96480	-5.74270	3.71480	-5.81470	3.71480	-5.81470	9.90000	8.92000
4.150	-3.692	4.04270	-3.86570	3.86840	-3.92650	3.86840	-3.92650	9.90000	8.92000
4.070	.193	4.13240	-.00100	4.03850	-.00920	4.03850	-.00920	9.90000	8.92000
3.761	3.932	3.94930	3.85360	3.79180	3.89310	3.79180	3.89310	9.90000	8.92000
3.844	5.831	4.04480	5.79250	3.81610	5.84690	3.81610	5.84690	9.90000	8.92000
	GRADIENT	-.01202	1.01234	-.00970	1.02550	-.00970	1.02550	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W/SILTS (V8M051) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
1B-ELV = 10.000 0B-ELV = 9.000

RUN NO. 1605/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.237	-6.085	-8.04810	-6.16850	-8.08270	-5.94400	-8.08270	-5.94400	9.90000	8.92000
-8.246	-3.928	-8.07770	-4.04780	-8.04370	-3.90520	-8.04370	-3.90520	9.90000	8.92000
-8.235	.340	-8.17460	.14240	-8.08730	.13860	-8.08730	.13860	9.90000	8.92000
-8.011	4.316	-8.07480	4.11950	-8.03080	3.98430	-8.03080	3.98430	9.90000	8.92000
-7.828	6.401	-7.93100	6.22130	-7.94990	6.00930	-7.94990	6.00930	9.90000	8.92000
	GRADIENT	.00007	.99056	.00142	.95686	.00142	.95686	-.00000	.00000

RUN NO. 1606/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.204	-6.193	-3.99800	-6.21490	-4.12900	-6.04090	-4.12900	-6.04090	9.90000	8.92000
-4.314	-4.051	-4.11480	-4.10700	-4.16360	-3.98630	-4.16360	-3.98630	9.90000	8.92000
-4.101	.186	-4.03430	-.01010	-4.01010	-.01120	-4.01010	-.01120	9.90000	8.92000
-4.012	4.351	-4.13500	4.18550	-4.18000	4.06250	-4.18000	4.06250	9.90000	8.92000
-3.646	6.371	-3.79740	6.23070	-3.92210	6.06260	-3.92210	6.06260	9.90000	8.92000
	GRADIENT	-.00234	.98692	-.00184	.95792	-.00184	.95792	.00000	.00000

RUN NO 1607/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.073	-6.220	.26950	-6.15440	.04790	-6.07690	.04790	-6.07690	9.90000	8.92000
-.012	-4.191	.18440	-4.12560	.04400	-4.06560	.04400	-4.06560	9.90000	8.92000
-.024	-.366	.17220	-.29990	.09690	-.27170	.09690	-.27170	9.90000	8.92000
.055	3.680	.25120	3.74530	.12290	3.73890	.12290	3.73890	9.90000	8.92000
.191	5.882	.38770	5.94730	.18120	5.92350	.18120	5.92350	9.90000	8.92000
	GRADIENT	.00859	1.00002	.00999	.99159	.00999	.99159	.00000	.00000

RUN NO. 1608/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.207	-5.619	4.06450	-5.76940	3.80860	-5.84620	3.80860	-5.84620	9.90000	8.92000
4.152	-3.690	4.04410	-3.86650	3.86990	-3.92800	3.86990	-3.92800	9.90000	8.92000
4.015	.200	4.07980	.00390	3.98260	-.00540	3.98260	-.00540	9.90000	8.92000
3.798	3.923	3.98900	3.84510	3.82960	3.88190	3.82960	3.88190	9.90000	8.92000
3.880	5.833	4.08410	5.79660	3.85460	5.84770	3.85460	5.84770	9.90000	8.92000
	GRADIENT	-.00711	1.01276	-.00504	1.02568	-.00504	1.02568	.00000	.00000

1A105A, AEDC PWT-TF470, O T S W/SILTS (V8M052) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1609/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.225	-6.081	-8.02470	-6.16670	-8.05880	-5.94280	-8.05880	-5.94280	9.90000	8.92000
-8.295	-3.927	-8.11580	-4.05090	-8.08270	-3.90200	-8.08270	-3.90200	9.90000	8.92000
-8.176	.349	-8.11110	.14070	-8.02850	.14000	-8.02850	.14000	9.90000	8.92000
-8.009	4.314	-8.07620	4.10680	-8.03740	3.96850	-8.03740	3.96850	9.90000	8.92000
-7.808	6.402	-7.91600	6.21230	-7.93160	6.00850	-7.93160	6.00850	9.90000	8.92000
	GRADIENT	.00476	.98976	.00559	.95490	.00559	.95490	-.00000	-.00000

RUN NO. 1610/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.218	-6.193	-4.00120	-6.21410	-4.12260	-6.04380	-4.12260	-6.04380	9.90000	8.92000
-4.336	-4.035	-4.12500	-4.09290	-4.16570	-3.97460	-4.16570	-3.97460	9.90000	8.92000
-4.091	.198	-4.02040	-.00870	-3.99540	-.00550	-3.99540	-.00550	9.90000	8.92000
-3.999	4.326	-4.12820	4.15130	-4.16470	4.03770	-4.16470	4.03770	9.90000	8.92000
-3.682	6.402	-3.84170	6.25390	-3.94860	6.09480	-3.94860	6.09480	9.90000	8.92000
	GRADIENT	-.00028	.98587	.00029	.95814	.00029	.95814	.00000	.00000

RUN NO. 1611/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.086	-6.226	.29170	-6.15600	.08200	-6.07790	.08200	-6.07790	9.90000	8.92000
.001	-4.182	.20690	-4.11220	.07300	-4.05190	.07300	-4.05190	9.90000	8.92000
.007	-.333	.21330	-.26240	.13900	-.23520	.13900	-.23520	9.90000	8.92000
.063	3.836	.27000	3.90580	.14570	3.89690	.14570	3.89690	9.90000	8.92000
.169	5.826	.37510	5.89600	.18380	5.87060	.18380	5.87060	9.90000	8.92000
	GRADIENT	.00795	.99997	.00896	.99134	.00896	.99134	-.00000	-.00000

RUN NO. 1612/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.147	-5.5[illegible]	3.99630	-5.74250	3.75040	-5.80880	3.75040	-5.80880	9.90000	8.92000
4.135	-3.685	4.02140	-3.87100	3.85170	-3.92710	3.85170	-3.92710	9.90000	8.92000
4.072	.209	4.14220	.00300	4.04650	-.00570	4.04650	-.00570	9.90000	8.92000
3.757	3.937	3.96000	3.85710	3.80740	3.89200	3.80740	3.89200	9.90000	8.92000
3.846	5.834	4.06150	5.79670	3.84090	5.84480	3.84090	5.84480	9.90000	8.92000
	GRADIENT	-.00777	1.01378	-.00540	1.02572	-.00540	1.02572	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M053) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2049/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.242	-7.886	-8.13650	-8.06820	-8.12440	-7.95730	-8.12440	-7.95730	9.90000	11.25000
-8.063	-3.828	-8.02210	-4.03560	-7.97200	-3.98120	-7.97200	-3.98120	9.90000	11.25000
-8.093	.346	-8.17530	.15140	-8.10950	.14220	-8.10950	.14220	9.90000	11.25000
-7.597	4.207	-7.77100	4.08770	-7.72660	4.02350	-7.72660	4.02350	9.90000	11.25000
-7.574	8.075	-7.77640	8.01430	-7.76570	7.90010	-7.76570	7.90010	9.90000	11.25000
	GRADIENT	.03033	1.01077	.02968	.99601	.02968	.99601	-.00000	-.00000

RUN NO. 2050/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-3.933	-8.031	-3.77470	-8.17020	-3.82190	-8.07420	-3.82190	-8.07420	9.90000	11.25000
-4.122	-3.897	-4.00980	-4.07520	-4.00300	-4.02140	-4.00300	-4.02140	9.90000	11.25000
-3.941	.188	-4.01630	-.00920	-3.98580	-.01250	-3.98580	-.01250	9.90000	11.25000
-3.848	4.134	-4.05070	4.07650	-4.05280	4.01750	-4.05280	4.01750	9.90000	11.25000
-3.769	8.144	-3.98060	8.14470	-4.03300	8.04510	-4.03300	8.04510	9.90000	11.25000
	GRADIENT	-.00507	1.01497	-.00614	1.00092	-.00614	1.00092	-.00000	-.00000

RUN NO. 2051/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.104	-8.146	.09240	-8.22350	-.02140	-8.15470	-.02140	-8.15470	9.90000	11.25000
-.238	-4.288	-.04150	-4.36260	-.09790	-4.31210	-.09790	-4.31210	9.90000	11.25000
-.220	-.027	-.02350	-.10450	-.06310	-.07600	-.06310	-.07600	9.90000	11.25000
-.171	3.800	.02570	3.72560	-.03890	3.73500	-.03890	3.73500	9.90000	11.25000
-.067	7.819	.12920	7.74560	.00290	7.73700	.00290	7.73700	9.90000	11.25000
	GRADIENT	.00823	1.00008	.00731	.99500	.00731	.99500	.00000	-.00000

RUN NO. 2052/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.489	-7.688	4.27890	-7.70480	4.09830	-7.75490	4.09830	-7.75490	9.90000	11.25000
4.211	-3.851	4.01500	-3.93050	3.93030	-3.95980	3.93030	-3.95980	9.90000	11.25000
4.181	.187	4.10360	-.00950	4.05830	-.00620	4.05830	-.00620	9.90000	11.25000
3.871	4.123	3.95700	3.92970	3.87660	3.95840	3.87660	3.95840	9.90000	11.25000
3.881	7.978	4.02820	7.82780	3.86700	7.87160	3.86700	7.87160	9.90000	11.25000
	GRADIENT	-.00715	.98569	-.00657	.99297	-.00657	.99297	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M053) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2053/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
8.218	-7.805	8.01950	-7.87730	7.79960	-7.99290	7.79960	-7.99290	9.90000	11.25000
8.196	-3.801	8.03510	-3.93780	7.91850	-3.99420	7.91850	-3.99420	9.90000	11.25000
7.858	.139	7.77840	-.05670	7.69780	-.05240	7.69780	-.05240	9.90000	11.25000
8.175	4.139	8.19880	3.92990	8.08070	3.98870	8.08070	3.98870	9.90000	11.25000
7.969	8.038	8.06260	7.84950	7.85780	7.95790	7.85780	7.95790	9.90000	11.25000
	GRADIENT	.02083	.99083	.02062	1.00534	.02062	1.00534	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M054) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2044/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.324	-5.919	-8.15340	-6.03760	-8.12460	-5.92420	-8.12460	-5.92420	9.90000	11.25000
-8.322	-3.856	-8.17780	-4.00540	-8.12300	-3.93260	-8.12300	-3.93260	9.90000	11.25000
-8.237	.362	-8.20430	.15750	-8.12820	.15010	-8.12820	.15010	9.90000	11.25000
-7.973	4.230	-8.05470	4.03940	-8.00160	3.96010	-8.00160	3.96010	9.90000	11.25000
-7.718	8.219	-7.83650	8.04780	-7.80940	5.93330	-7.80940	5.93330	9.90000	11.25000
	GRADIENT	.01490	.99472	.01477	.97591	.01477	.97591	-.00000	-.00000

RUN NO. 2045/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.248	-6.085	-4.04740	-6.13960	-4.08260	-6.04210	-4.08260	-6.04210	9.90000	11.25000
-4.421	-4.047	-4.23390	-4.13690	-4.23400	-4.06760	-4.23400	-4.06760	9.90000	11.25000
-4.058	.198	-4.01900	-.00610	-3.98860	-.00860	-3.98860	-.00860	9.90000	11.25000
-3.894	4.232	-4.03650	4.08070	-4.04680	4.00970	-4.04680	4.00970	9.90000	11.25000
-3.633	6.190	-3.80000	6.06680	-3.84620	5.96870	-3.84620	5.96870	9.90000	11.25000
	GRADIENT	.02408	.99237	.02292	.97542	.02292	.97542	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (V8M054) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2046/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.113	-6.239	.09120	-6.19990	-.02720	-6.13270	-.02720	-6.13270	9.90000	11.25000
-.206	-4.377	-.00220	-4.33900	-.08580	-4.28170	-.08580	-4.28170	9.90000	11.25000
-.209	-.126	-.00500	-.08810	-.05790	-.05870	-.05790	-.05870	9.90000	11.25000
-.139	3.638	.06520	3.67560	-.02060	3.68120	-.02060	3.68120	9.90000	11.25000
-.037	5.702	.16690	5.74060	.04240	5.73560	.04240	5.73560	9.90000	11.25000
	GRADIENT	.00821	.99995	.00810	.99350	.00810	.99350	.00000	-.00000

RUN NO. 2047/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.190	-5.718	4.03240	-5.85310	3.85190	-5.90180	3.85190	-5.90180	9.90000	11.25000
3.866	-3.712	3.73580	-3.87400	3.61560	-3.90740	3.61560	-3.90746	9.90000	11.25000
4.105	.196	4.14290	-.00840	4.07210	-.00610	4.07210	-.00610	9.90000	11.25000
3.787	4.025	3.96330	3.91590	3.84480	3.94890	3.84480	3.94890	9.90000	11.25000
4.041	6.026	4.23560	5.95290	4.07160	5.99620	4.07160	5.99620	9.90000	11.25000
	GRADIENT	.02966	1.00679	.02992	1.01537	.02992	1.01537	.00000	.00000

RUN NO. 2048/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.175	-5.705	6.04610	-5.86780	5.86030	-5.93320	5.86030	-5.93320	9.90000	11.25000
6.078	-3.742	5.98650	-3.92880	5.84970	-3.97270	5.84970	-3.97270	9.90000	11.25000
6.029	.206	6.06700	.00180	5.96930	-.00060	5.96930	-.00060	9.90000	11.25000
5.630	4.012	5.78350	3.87280	5.65350	3.90950	5.65350	3.90950	9.90000	11.25000
5.861	3.973	6.03930	5.86640	5.86910	5.92110	5.86910	5.92110	9.90000	11.25000
	GRADIENT	-.02589	1.00596	-.02496	1.01635	-.02496	1.01635	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M055) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2039/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.306	-5.942	-8.12680	-6.04560	-8.09580	-5.91580	-8.09580	-5.91580	9.90000	11.25000
-8.284	3.871	-8.12810	-4.00700	-8.06930	-3.92320	-8.06930	-3.92320	9.90000	11.25000
-8.270	.360	-8.22410	.15870	-8.13890	.15170	-8.13890	.15170	9.90000	11.25000
-7.957	4.248	-8.02880	4.05410	-7.96780	3.96580	-7.96780	3.96580	9.90000	11.25000
-7.731	6.217	-7.83940	6.04110	-7.80520	5.91230	-7.80520	5.91230	9.90000	11.25000
	GRADIENT	.01172	.99275	.01208	.97155	.01208	.97155	-.00000	-.00000

RUN NO. 2041/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.026	-6.242	-3.82210	-6.27550	-3.87300	-6.16330	-3.87300	-6.16330	9.90000	11.25000
-4.450	-4.067	-4.25760	-4.14130	-4.26010	-4.06220	-4.26010	-4.06220	9.90000	11.25000
-4.041	.192	-3.98880	-.00800	-3.95520	-.01060	-3.95520	-.01060	9.90000	11.25000
-3.939	4.262	-4.07190	4.10300	-4.08220	4.02010	-4.08220	4.02010	9.90000	11.25000
-3.627	6.204	-3.78610	6.07160	-3.83960	5.95940	-3.83960	5.95940	9.90000	11.25000
	GRADIENT	.02261	.98973	.02175	.97028	.02175	.97028	-.00000	-.00000

RUN NO. 2042/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.145	-6.387	.05490	-6.33540	-.08710	-6.26240	-.08710	-6.26240	9.90000	11.25000
-.174	-4.385	.02620	-4.33280	-.07320	-4.27310	-.07320	-4.27310	9.90000	11.25000
-.219	-.168	-.01930	-.11580	-.07540	-.08670	-.07540	-.08670	9.90000	11.25000
-.131	3.663	.06900	3.71500	-.02960	3.71670	-.02960	3.71670	9.90000	11.25000
-.033	5.711	.16690	5.76290	.01930	5.75320	.01930	5.75320	9.90000	11.25000
	GRADIENT	.00505	.99999	.00532	.99278	.00532	.99278	.00000	.00000

RUN NO. 2043/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.264	-5.706	4.11650	-5.85100	3.92590	-5.89610	3.92590	-5.89610	9.90000	11.25000
3.857	-3.699	3.73760	-3.86720	3.60510	-3.90030	3.60510	-3.90030	9.90000	11.25000
4.037	.191	4.08860	-.00930	4.01000	-.00760	4.01000	-.00760	9.90000	11.25000
3.803	4.000	3.98640	3.90490	3.85580	3.93800	3.85580	3.93800	9.90000	11.25000
4.065	6.012	4.26320	5.95350	4.08190	5.99670	4.08190	5.99670	9.90000	11.25000
	GRADIENT	.03252	1.00943	.03281	1.01803	.03281	1.01803	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S W0/SILTS (V8M056) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2027/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.147	-6.015	-7.96470	-6.11070	-7.94280	-5.96890	-7.94280	-5.96890	9.90000	11.25000
-8.365	-3.869	-8.20750	-4.02020	-8.15020	-3.92390	-8.15020	-3.92390	9.90000	11.25000
-8.224	.354	-8.17420	.15520	-8.08680	.15000	-8.08680	.15000	9.90000	11.25000
-7.976	4.238	-8.04410	4.04390	-7.98080	3.95080	-7.98080	3.95080	9.90000	11.25000
-7.757	6.243	-7.86270	6.06680	-7.83070	5.92930	-7.83070	5.92930	9.90000	11.25000
	GRADIENT	.01992	.99219	.02075	.96888	.02075	.96888	-.00000	.00000

RUN NO. 2028/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.262	-6.120	-4.05990	-6.15410	-4.10790	-6.03430	-4.10790	-6.03430	9.90000	11.25000
-4.433	-4.086	-4.23910	-4.15380	-4.24420	-4.06750	-4.24420	-4.06750	9.90000	11.25000
-4.072	.188	-4.01510	-.00930	-3.97890	-.01110	-3.97890	-.01110	9.90000	11.25000
-3.955	4.263	-4.08360	4.10310	-4.09390	4.01450	-4.09390	4.01450	9.90000	11.25000
-3.643	6.230	-3.79830	6.09650	-3.85450	5.97620	-3.85450	5.97620	9.90000	11.25000
	GRADIENT	.01890	.98886	.01836	.96791	.01836	.96791	-.00000	-.00000

RUN NO. 2029/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.092	-6.391	.10560	-6.33550	-.04490	-6.25740	-.04490	-6.25740	9.90000	11.25000
-.119	-4.389	.07850	-4.33330	-.02420	-4.27000	-.02420	-4.27000	9.90000	11.25000
-.159	-.182	.03870	-.12640	-.01400	-.09820	-.01400	-.09820	9.90000	11.25000
-.062	3.664	.13550	3.71980	.03850	3.71830	.03850	3.71830	9.90000	11.25000
.055	5.715	.25330	5.77020	.10300	5.75650	.10300	5.75650	9.90000	11.25000
	GRADIENT	.00682	.99999	.00770	.99194	.00770	.99194	.00000	.00000

RUN NO. 2030/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.192	-5.697	4.04610	-5.84120	3.84310	-5.88940	3.84310	-5.88940	9.90000	11.25000
4.147	-3.750	4.03450	-3.92150	3.89380	-3.95720	3.89380	-3.95720	9.90000	11.25000
4.085	.190	4.14010	-.00780	4.05920	-.00660	4.05920	-.00660	9.90000	11.25000
3.784	4.004	3.96850	3.91430	3.83500	3.94460	3.83500	3.94460	9.90000	11.25000
4.068	5.982	4.26660	5.92870	4.07390	5.97570	4.07390	5.97570	9.90000	11.25000
	GRADIENT	-.00832	1.01052	-.00731	1.01904	-.00731	1.01904	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (V8M057) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2031/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.266	-6.073	-8.08160	-6.16030	-8.09150	-5.95680	-8.09150	-5.95680	9.90000	11.25000
-8.339	-3.928	-8.17570	-4.05010	-8.13000	-3.91470	-8.13000	-3.91470	9.90000	11.25000
-8.269	.353	-8.21400	.15650	-8.12250	.15330	-8.12250	.15330	9.90000	11.25000
-7.977	4.277	-8.04220	4.08390	-7.99160	3.95420	-7.99160	3.95420	9.90000	11.25000
-7.714	6.297	-7.81730	6.12090	-7.81970	5.92560	-7.81970	5.92560	9.90000	11.25000
	GRADIENT	.01589	.99128	.01664	.95896	.01664	.95896	.00000	-.00000

RUN NO. 2032/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.219	-6.171	-4.01720	-6.19760	-4.12260	-6.03290	-4.12260	-6.03290	9.90000	11.25000
-4.416	-4.116	-4.22140	-4.17650	-4.25450	-4.05860	-4.25450	-4.05860	9.90000	11.25000
-4.072	.188	-4.01070	-.00630	-3.98030	-.00630	-3.98030	-.00630	9.90000	11.25000
-3.964	4.277	-4.08860	4.11510	-4.12540	3.99690	-4.12540	3.99690	9.90000	11.25000
-3.575	6.246	-3.72650	6.10960	-3.83730	5.94680	-3.83730	5.94680	9.90000	11.25000
	GRADIENT	.01611	.98775	.01581	.95963	.01581	.95963	.00000	.00000

RUN NO. 2033/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.043	-6.406	.23740	-6.34510	.02370	-6.25840	.02370	-6.25840	9.90000	11.25000
-.015	-4.402	.17900	-4.34110	.03980	-4.27310	.03980	-4.27310	9.90000	11.25000
-.040	-.183	.15470	-.12270	.08520	-.09240	.08520	-.09240	9.90000	11.25000
.061	3.642	.25540	3.70290	.13100	3.70050	.13100	3.70050	9.90000	11.25000
.207	5.712	.40140	5.77250	.20200	5.75430	.20200	5.75430	9.90000	11.25000
	GRADIENT	.00924	.99997	.01133	.99122	.01133	.99122	.00000	-.00000

RUN NO. 2034/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.210	-5.668	4.06820	-5.81360	3.82900	-5.87240	3.82900	-5.87240	9.90000	11.25000
3.875	-3.685	3.76200	-3.85410	3.60240	-3.89700	3.60240	-3.89700	9.90000	11.25000
4.009	.194	4.06990	-.00030	3.97700	-.00560	3.97700	-.00560	9.90000	11.25000
3.860	3.982	4.04640	3.90090	3.89230	3.93590	3.89230	3.93590	9.90000	11.25000
4.096	5.967	4.29520	5.92410	4.06820	5.97610	4.06820	5.97610	9.90000	11.25000
	GRADIENT	.03726	1.01137	.03804	1.02152	.03804	1.02152	.00000	-.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (V8M058) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2035/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.336	-6.048	-8.15040	-6.13370	-8.16230	-5.92470	-8.16230	-5.92470	9.90000	11.25000
-8.311	-3.951	-8.14500	-4.07110	-8.10000	-3.93290	-8.10000	-3.93290	9.90000	11.25000
-8.272	.351	-8.21410	.15480	-8.12080	.14940	-8.12080	.14940	9.90000	11.25000
-7.967	4.287	-8.03120	4.09240	-7.98690	3.95540	-7.98690	3.95540	9.90000	11.25000
-7.688	6.298	-7.79030	6.12060	-7.80410	5.91580	-7.80410	5.91580	9.90000	11.25000
	GRADIENT	.01335	.99080	.01344	.95739	.01344	.95739	-.00000	-.00000

RUN NO. 2036/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.177	-6.174	-3.97400	-6.19680	-4.08970	-6.03040	-4.08970	-6.03040	9.90000	11.25000
-4.425	-4.126	-4.22910	-4.18320	-4.26500	-4.06550	-4.26500	-4.06550	9.90000	11.25000
-4.077	.184	-4.01300	-.01010	-3.98350	-.01180	-3.98350	-.01180	9.90000	11.25000
-3.994	4.299	-4.11680	4.13510	-4.16200	4.01360	-4.16200	4.01360	9.90000	11.25000
-3.549	6.262	-3.69970	6.12390	-3.82500	5.95720	-3.82500	5.95720	9.90000	11.25000
	GRADIENT	.01362	.98717	.01264	.95879	.01264	.95879	.00000	-.00000

RUN NO. 2037/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.109	-6.317	.30330	-6.25260	.08370	-6.17290	.08370	-6.17290	9.90000	11.25000
-.018	-4.403	.17670	-4.33940	.03610	-4.27660	.03610	-4.27660	9.90000	11.25000
-.055	-.166	.13920	-.10310	.07200	-.07550	.07200	-.07550	9.90000	11.25000
.034	3.591	.22840	3.65390	.10580	3.65100	.10580	3.65100	9.90000	11.25000
.139	5.694	.33380	5.75710	.13760	5.73780	.13760	5.73780	9.90000	11.25000
	GRADIENT	.00614	.99996	.00871	.99174	.00871	.99174	.00000	-.00000

RUN NO. 2038/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.230	-5.670	4.08850	-5.81740	3.83820	-5.88750	3.83820	-5.88750	9.90000	11.25000
3.900	-3.670	3.78770	-3.84030	3.62340	-3.89030	3.62340	-3.89030	9.90000	11.25000
4.089	.190	4.15120	-.00450	4.05950	-.00880	4.05950	-.00880	9.90000	11.25000
3.786	3.977	3.97470	3.89890	3.81600	3.94140	3.81600	3.94140	9.90000	11.25000
4.089	5.939	4.28880	5.89820	4.05370	5.96090	4.05370	5.96090	9.90000	11.25000
	GRADIENT	.02468	1.01210	.02547	1.02420	.02547	1.02420	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M059) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -7.000

RUN NO. 1674/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.230	-6.098	-7.98870	-6.19430	-8.01830	-5.97360	-8.01830	-5.97360	11.88000	-6.87960
-8.179	-4.011	-7.95910	-4.15080	-7.92640	-4.00000	-7.92640	-4.00000	11.88000	-6.87960
-8.109	.227	-8.02210	-.01970	-7.93040	-.01160	-7.93040	-.01160	11.88000	-6.87960
-7.994	4.337	-8.07600	4.09050	-8.02220	3.96350	-8.02220	3.96350	11.88000	-6.87960
-7.678	6.351	-7.80880	6.12610	-7.80110	5.94350	-7.80110	5.94350	11.88000	-6.87960
	GRADIENT	-.01401	.98715	-.01142	.95387	-.01142	.95387	.00000	-.00000

RUN NO. 1675/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.264	-6.178	-4.00300	-6.19560	-4.09880	-6.03260	-4.09880	-6.03260	11.88000	-6.87960
-4.427	-4.151	-4.17200	-4.20970	-4.20000	-4.09110	-4.20000	-4.09110	11.88000	-6.87960
-4.140	.232	-4.05300	-.01360	-4.01260	-.01120	-4.01260	-.01120	11.88000	-6.87960
-4.022	4.350	-4.17760	4.14290	-4.18370	4.03940	-4.18370	4.03940	11.88000	-6.87960
-3.604	6.296	-3.79670	6.12000	-3.85800	5.97670	-3.85800	5.97670	11.88000	-6.87960
	GRADIENT	-.00036	.98229	.00235	.95616	.00235	.95616	.00000	-.00000

RUN NO. 1676/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.173	-6.387	.07310	-6.30130	-.11480	-6.21200	-.11480	-6.21200	11.88000	-6.87960
-.231	-4.254	.01690	-4.16830	-.09240	-4.10050	-.09240	-4.10050	11.88000	-6.87960
-.232	-.226	.01290	-.14090	-.03880	-.11260	-.03880	-.11260	11.88000	-6.87960
-.175	3.644	.07270	3.72990	-.01390	3.71960	-.01390	3.71960	11.88000	-6.87960
-.101	5.696	.14430	5.78060	.00420	5.75010	.00420	5.75010	11.88000	-6.87960
	GRADIENT	.00701	.99997	.00996	.99009	.00996	.99009	.00000	-.00000

RUN NO. 1677/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.242	-5.599	4.06530	-5.79040	3.83090	-5.85580	3.83090	-5.85580	11.88000	-6.87960
4.115	-3.633	3.98180	-3.85650	3.82590	-3.91070	3.82590	-3.91070	11.88000	-6.87960
3.996	.250	4.08060	.00360	3.99960	-.00930	3.99960	-.00930	11.88000	-6.87960
3.701	3.982	3.94360	3.88620	3.81450	3.90880	3.81450	3.90880	11.88000	-6.87960
3.778	5.862	4.03530	5.81740	3.84660	5.85080	3.84660	5.85080	11.88000	-6.87960
	GRADIENT	-.00481	1.01667	-.00119	1.02676	-.00119	1.02676	-.00000	.00000

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (V8M060) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.20
IB-ELV = 12.000 OB-ELV = -7.00

RUN NO. 1678/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.452	-6.078	-8.11150	-6.18540	-8.12520	-6.00220	-8.12520	-6.00220	11.88000	-6.87960
-8.480	-3.893	-8.17000	-4.06610	-8.13030	-3.94230	-8.13030	-3.94230	11.88000	-6.87960
-8.201	.305	-8.04860	-.02080	-7.96240	-.01380	-7.96240	-.01380	11.88000	-6.87960
-7.988	4.430	-8.06300	4.08230	-8.00720	3.97950	-8.00720	3.97950	11.88000	-6.87960
-7.688	6.424	-7.83170	6.09830	-7.81510	5.94420	-7.81510	5.94420	11.88000	-6.87960
	GRADIENT	.01290	.97892	.01486	.95169	.01486	.95169	.00000	.00000

RUN NO. 1679/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.430	-6.161	-4.07240	-6.15690	-4.13110	-6.02740	-4.13110	-6.02740	11.88000	-6.87960
-4.582	-4.128	-4.22620	-4.17950	-4.22920	-4.08710	-4.22920	-4.08710	11.88000	-6.87960
-4.224	.309	-4.07600	-.01190	-4.02700	-.01120	-4.02700	-.01120	11.88000	-6.87960
-3.960	4.427	-4.14550	4.12620	-4.13190	4.04430	-4.13190	4.04430	11.88000	-6.87960
-3.585	6.379	-3.82240	6.11410	-3.85240	5.99960	-3.85240	5.99960	11.88000	-6.87960
	GRADIENT	.00975	.97047	.01181	.95010	.01181	.95010	.00000	-.00000

RUN NO. 1680/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.293	-6.471	.03020	-6.32270	-.11180	-6.24310	-.11180	-6.24310	11.88000	-6.87960
-.376	-4.288	-.05170	-4.13870	-.12770	-4.07670	-.12770	-4.07670	11.88000	-6.87960
-.387	-.290	-.06050	-.13880	-.09290	-.10990	-.09290	-.10990	11.88000	-6.87960
-.353	3.583	-.02880	3.73140	-.08730	3.72770	-.08730	3.72770	11.88000	-6.87960
-.308	5.620	.01610	5.76810	-.08220	5.74570	-.08220	5.74570	11.88000	-6.87960
	GRADIENT	.00288	.99994	.00515	.99159	.00515	.99159	.00000	.00000

RUN NO. 1681/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.266	-5.519	4.05640	-5.80870	3.86240	-5.87300	3.86240	-5.87300	11.88000	-6.87960
4.143	-3.545	3.99820	-3.86760	3.87640	-3.91800	3.87640	-3.91800	11.88000	-6.87960
3.907	.324	4.05190	.00200	3.99850	-.01220	3.99850	-.01220	11.88000	-6.87960
3.577	4.004	3.91790	3.89890	3.82200	3.91870	3.82200	3.91870	11.88000	-6.87960
3.658	5.877	4.01360	5.84470	3.86870	5.87270	3.86870	5.87270	11.88000	-6.87960
	GRADIENT	-.01043	1.02855	-.00687	1.03785	-.00687	1.03785	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M061) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1655/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.254	-2.100	-8.06440	-6.18290	-8.09510	-5.96140	-8.09510	-5.96140	11.88000	-2.29960
-8.348	-3.982	-8.17900	-4.10100	-8.14180	-3.95790	-8.14180	-3.95790	11.88000	-2.29960
-8.107	.165	-8.04090	-.03070	-7.95370	-.02410	-7.95370	-.02410	11.88000	-2.29960
-8.046	4.309	-8.10960	4.11240	-8.06080	3.98320	-8.06080	3.98320	11.88000	-2.29960
-7.715	6.307	-7.81740	6.12670	-7.82700	5.92770	-7.82700	5.92770	11.88000	-2.29960
	GRADIENT	.00837	.99068	.00977	.95783	.00977	.95783	-.00000	-.00000

RUN NO. 1656/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.186	-6.183	-3.98010	-6.20400	-4.10750	-6.03320	-4.10750	-6.03320	11.88000	-2.29960
-4.206	-4.121	-4.00570	-4.17170	-4.05650	-4.05060	-4.05650	-4.05060	11.88000	-2.29960
-4.130	.183	-4.06340	-.01260	-4.03590	-.01170	-4.03590	-.01170	11.88000	-2.29960
-4.016	4.427	-4.14070	4.26280	-4.18500	4.13870	-4.18500	4.13870	11.88000	-2.29960
-3.621	6.308	-3.77330	6.16750	-3.89300	6.00020	-3.89300	6.00020	11.88000	-2.29960
	GRADIENT	-.01579	.98662	-.01499	.95793	-.01499	.95793	.00000	-.00000

RUN NO. 1657/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.036	-6.370	.23210	-6.30460	-.00090	-6.22400	-.00090	-6.22400	11.88000	-2.29960
-.059	-4.238	.13750	-4.17230	-.00740	-4.11110	-.00740	-4.11110	11.88000	-2.29960
-.082	-.200	.11420	-.13500	.04310	-.10890	.04310	-.10890	11.88000	-2.29960
-.010	3.680	.18600	3.74570	.06130	3.73740	.06130	3.73740	11.88000	-2.29960
.128	5.704	.32450	5.76910	.12560	5.74460	.12560	5.74460	11.88000	-2.29960
	GRADIENT	.00604	.99997	.00870	.99120	.00870	.99120	-.00000	.00000

RUN NO. 1658/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.174	-5.596	4.03220	-5.74660	3.77320	-5.82510	3.77320	-5.82510	11.88000	-2.29960
3.942	-3.686	3.83030	-3.85990	3.65510	-3.92190	3.65510	-3.92190	11.88000	-2.29960
4.051	.201	4.11650	.00430	4.02110	-.00780	4.02110	-.00780	11.88000	-2.29960
3.760	3.950	3.95140	3.87260	3.79420	3.90860	3.79420	3.90860	11.88000	-2.29960
3.845	5.843	4.04880	5.80630	3.81720	5.85860	3.81720	5.85860	11.88000	-2.29960
	GRADIENT	.01621	1.01249	.01868	1.02532	.01868	1.02532	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M062) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1659/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.355	-6.114	-8.15460	-6.20070	-8.19090	-5.96930	-8.19090	-5.96930	11.88000	-2.29960
-8.393	-3.991	-8.21400	-4.11500	-8.18130	-3.96000	-8.18130	-3.96000	11.88000	-2.29960
-8.285	.352	-8.22080	.14340	-8.13470	.14520	-8.13470	.14520	11.88000	-2.29960
-7.963	4.322	-8.03060	4.11500	-7.99050	3.97940	-7.99050	3.97940	11.88000	-2.29960
-7.770	6.331	-7.87780	6.14140	-7.89000	5.93910	-7.89000	5.93910	11.88000	-2.29960
	GRADIENT	.02169	.98984	.02276	.95488	.02276	.95488	.00000	.00000

RUN NO. 1660/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BET. O	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.000	-6.139	-3.78250	-6.15660	-3.91010	-5.98770	-3.91010	-5.98770	11.88000	-2.29960
-4.189	-4.122	-3.97750	-4.17280	-4.02600	-4.05050	-4.02600	-4.05050	11.88000	-2.29960
-4.110	.193	-4.03960	-.01320	-4.01180	-.00840	-4.01180	-.00840	11.88000	-2.29960
-4.001	4.322	-4.13120	4.14690	-4.16550	4.03150	-4.16550	4.03150	11.88000	-2.29960
-3.602	6.279	-3.76270	6.13130	-3.86540	5.97310	-3.86540	5.97310	11.88000	-2.29960
	GRADIENT	-.01817	.98518	-.01637	.95703	-.01637	.95703	.00000	.00000

RUN NO. 1661/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.025	-6.379	.23150	-6.30920	.01150	-6.22710	.01150	-6.22710	11.88000	-2.29960
-.047	-4.225	.15990	-4.15450	.02420	-4.09290	.02420	-4.09290	11.88000	-2.29960
-.043	-.195	.16350	-.12480	.09330	-.09930	.09330	-.09930	11.88000	-2.29960
.025	3.675	.23180	3.74450	.11360	3.73520	.11360	3.73520	11.88000	-2.29960
.115	5.695	.32150	5.76510	.13710	5.73800	.13710	5.73800	11.88000	-2.29960
	GRADIENT	.00905	.99997	.01136	.99100	.01136	.99100	-.00000	.00000

RUN NO. 1662/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.209	-5.620	4.06110	-5.77840	3.80960	-5.84950	3.80960	-5.84950	11.88000	-2.29960
4.121	-3.662	4.00850	-3.84890	3.83710	-3.90800	3.83710	-3.90800	11.88000	-2.29960
4.027	.207	4.09700	.00030	4.00360	-.01160	4.00360	-.01160	11.88000	-2.29960
3.750	3.954	3.95250	3.87460	3.80160	3.90870	3.80160	3.90870	11.88000	-2.29960
4.035	5.923	4.24980	5.88260	4.02800	5.93320	4.02800	5.93320	11.88000	-2.29960
	GRADIENT	-.00719	1.01390	-.00440	1.02614	-.00440	1.02614	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (V8M063) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = -2.000

RUN NO. 1663/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.206	-6.105	-7.96370	-6.20050	-7.99010	-5.98570	-7.99010	-5.98570	11.88000	-2.29960
-8.216	-4.012	-7.99590	-4.15170	-7.96080	-4.00650	-7.96080	-4.00650	11.88000	-2.29960
-8.102	.235	-8.01580	-.01220	-7.92530	-.00900	-7.92530	-.00900	11.88000	-2.29960
-7.975	4.349	-8.05690	4.10110	-8.00490	3.97340	-8.00490	3.97340	11.88000	-2.29960
-7.711	6.342	-7.84200	6.11590	-7.83450	5.93060	-7.83450	5.93060	11.88000	-2.29960
	GRADIENT	-.00728	.98704	-.00520	.95440	-.00520	.95440	.00000	.00000

RUN NO. 1664/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.221	-6.158	-3.96310	-6.17610	-4.05560	-6.01810	-4.05560	-6.01810	11.88000	-2.29960
-4.220	-4.105	-3.96580	-4.15940	-3.99300	-4.04790	-3.99300	-4.04790	11.88000	-2.29960
-4.139	.229	-4.05180	-.01600	-4.01210	-.01490	-4.01210	-.01490	11.88000	-2.29960
-4.024	4.349	-4.17950	4.14120	-4.18550	4.03830	-4.18550	4.03830	11.88000	-2.29960
-3.810	6.381	-3.99860	6.20210	-4.06180	6.05370	-4.06180	6.05370	11.88000	-2.29960
	GRADIENT	-.02523	.98164	-.02261	.95628	-.02261	.95628	.00000	-.00000

RUN NO. 1665/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.146	-6.272	.09970	-6.18590	-.08070	-6.09940	-.08070	-6.09940	11.88000	-2.29960
-.225	-4.320	.02190	-4.23400	-.08780	-4.16590	-.08780	-4.16590	11.88000	-2.29960
-.201	-.243	.04490	-.15760	-.00860	-.12950	-.00860	-.12950	11.88000	-2.29960
-.149	3.637	.09790	3.72270	.00840	3.71260	.00840	3.71260	11.88000	-2.29960
-.063	5.686	.18390	5.77360	.04000	5.74350	.04000	5.74350	11.88000	-2.29960
	GRADIENT	.00952	.99999	.01215	.99016	.01215	.99016	.00000	-.00000

RUN NO. 1666/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.235	-5.605	4.05810	-5.79720	3.82690	-5.86000	3.82690	-5.86000	11.88000	-2.29960
3.901	-3.608	3.76270	-3.82800	3.61060	-3.87710	3.61060	-3.87710	11.88000	-2.29960
4.004	.249	4.08980	.00150	4.00660	-.01010	4.00660	-.01010	11.88000	-2.29960
3.702	3.976	3.94400	3.88060	3.81180	3.90480	3.81180	3.90480	11.88000	-2.29960
3.981	5.936	4.23700	5.88850	4.04120	5.92640	4.04120	5.92640	11.88000	-2.29960
	GRADIENT	.02426	1.01631	.02697	1.02597	.02697	1.02597	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M064) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1667/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.455	-6.061	-8.11830	-6.16840	-8.12910	-5.98930	-8.12910	-5.98930	11.88000	-2.29960
-8.484	-3.898	-8.17340	-4.07000	-8.13180	-3.95010	-8.13180	-3.95010	11.88000	-2.29960
-8.370	.465	-8.22890	.13700	-8.14210	.13560	-8.14210	.13560	11.88000	-2.29960
-7.980	4.431	-8.05440	4.08460	-8.00060	3.97730	-8.00060	3.97730	11.88000	-2.29960
-7.715	6.435	-7.85760	6.10650	-7.84370	5.94790	-7.84370	5.94790	11.88000	-2.29960
	GRADIENT	.01384	.97892	.01545	.95163	.01545	.95163	-.00000	-.00000

RUN NO. 1668/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.415	-6.202	-4.06000	-6.19860	-4.11840	-6.07030	-4.11840	-6.07030	11.88000	-2.29960
-4.363	-4.097	-4.01020	-4.14330	-4.01400	-4.05480	-4.01400	-4.05480	11.88000	-2.29960
-4.223	.314	-4.07190	-.00960	-4.02380	-.01100	-4.02380	-.01100	11.88000	-2.29960
-3.978	4.437	-4.16270	4.13330	-4.15140	4.04970	-4.15140	4.04970	11.88000	-2.29960
-3.571	6.363	-3.80740	6.09880	-3.84140	5.98190	-3.84140	5.98190	11.88000	-2.29960
	GRADIENT	-.01782	.96943	-.01594	.94926	-.01594	.94926	-.00000	-.00000

RUN NO. 1669/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.286	-6.472	.03750	-6.32340	-.10310	-6.24410	-.10310	-6.24410	11.88000	-2.29960
-.349	-4.291	-.02470	-4.14230	-.10090	-4.08070	-.10090	-4.08070	11.88000	-2.29960
-.376	-.291	-.04890	-.13930	-.08250	-.11040	-.08250	-.11040	11.88000	-2.29960
-.335	3.582	-.01120	3.73000	-.07190	3.72660	-.07190	3.72660	11.88000	-2.29960
-.275	5.623	.05170	5.77560	-.05260	5.75340	-.05260	5.75340	11.88000	-2.29960
	GRADIENT	.00167	.99989	.00369	.99163	.00369	.99163	.00000	-.00000

RUN NO. 1670/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.256	-5.527	4.04590	-5.81570	3.85370	-5.87830	3.85370	-5.87830	11.88000	-2.29960
4.146	-3.542	4.00080	-3.87140	3.88030	-3.92050	3.88030	-3.92050	11.88000	-2.29960
3.907	.325	4.05330	.00120	3.99780	-.01160	3.99780	-.01160	11.88000	-2.29960
3.609	3.994	3.94990	3.88820	3.85140	3.90970	3.85140	3.90970	11.88000	-2.29960
3.659	5.861	4.01490	5.82890	3.86650	5.85860	3.86650	5.85860	11.88000	-2.29960
	GRADIENT	-.00657	1.02936	-.00353	1.03873	-.00353	1.03873	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M065) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1818/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-7.997	-7.907	-7.88740	-8.08550	-7.88380	-7.96950	-7.88380	-7.96950	11.88000	5.00000
-8.097	-3.863	-8.05610	-4.07000	-8.00810	-4.00940	-8.00810	-4.00940	11.88000	5.00000
-8.136	.293	-8.21550	.09750	-8.14820	.09460	-8.14820	.09460	11.88000	5.00000
-7.655	4.198	-7.82820	4.07780	-7.77880	4.01990	-7.77880	4.01990	11.88000	5.00000
-7.611	8.082	-7.81310	8.02200	-7.79520	7.91420	-7.79520	7.91420	11.88000	5.00000
	GRADIENT	.02756	1.01065	.02778	.99594	.02778	.99594	.00000	-.00000

RUN NO. 1819/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.128	-8.002	-3.97280	-8.14520	-4.02220	-8.04690	-4.02220	-8.04690	11.88000	5.00000
-4.149	-3.936	-4.03470	-4.11300	-4.03130	-4.05530	-4.03130	-4.05530	11.88000	5.00000
-3.976	.187	-4.05200	-.00930	-4.01960	-.00970	-4.01960	-.00970	11.88000	5.00000
-3.866	4.160	-4.06890	4.10230	-4.06540	4.04700	-4.06540	4.04700	11.88000	5.00000
-3.795	8.180	-4.00560	8.17970	-4.05030	8.08370	-4.05030	8.08370	11.88000	5.00000
	GRADIENT	-.00422	1.01466	-.00417	1.00070	-.00417	1.00070	-.00000	-.00000

RUN NO. 1820/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.132	-8.135	.06480	-8.21240	-.05380	-8.14500	-.05380	-8.14500	11.88000	5.00000
-.262	-4.266	-.06620	-4.34320	-.12520	-4.29300	-.12520	-4.29300	11.88000	5.00000
-.239	-.044	-.04210	-.12000	-.07920	-.09180	-.07920	-.09180	11.88000	5.00000
-.209	3.799	-.01210	3.72530	-.06970	3.73430	-.06970	3.73430	11.88000	5.00000
-.116	7.831	.08030	7.75150	-.03480	7.74240	-.03480	7.74240	11.88000	5.00000
	GRADIENT	.00669	1.00032	.00695	.99521	.00695	.99521	-.00000	.00000

RUN NO. 1821/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.493	-7.716	4.28280	-7.73120	4.09840	-7.78650	4.09840	-7.78650	11.88000	5.00000
4.175	-3.823	3.98070	-3.90540	3.89490	-3.93950	3.89490	-3.93950	11.88000	5.00000
4.137	.194	4.05970	-.00250	4.01810	-.00450	4.01810	-.00450	11.88000	5.00000
3.839	4.102	3.92560	3.91050	3.85240	3.93470	3.85240	3.93470	11.88000	5.00000
3.877	7.972	4.02430	7.82230	3.87110	7.86260	3.87110	7.86260	11.88000	5.00000
	GRADIENT	-.00683	.98614	-.00520	.99350	-.00520	.99350	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M065) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1822/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
8.267	-7.802	8.07040	-7.87620	7.84420	-8.00120	7.84420	-8.00120	11.88000	5.00000
8.147	-3.761	7.98800	-3.89900	7.86910	-3.96520	7.86910	-3.96520	11.88000	5.00000
7.810	.155	7.73250	-.04120	7.65590	-.04640	7.65590	-.04640	11.88000	5.00000
8.108	4.134	8.13230	3.92490	8.02250	3.97410	8.02250	3.97410	11.88000	5.00000
7.942	8.013	8.03640	7.82540	7.83950	7.92610	7.83950	7.92610	11.88000	5.00000
	GRADIENT	.01850	.99093	.01962	1.00555	.01962	1.00555	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M066) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1823/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.294	-5.985	-8.12290	-6.10270	-8.09860	-5.98540	-8.09860	-5.98540	11.88000	5.00000
-8.373	-3.871	-8.22870	-4.02050	-8.17620	-3.94140	-8.17620	-3.94140	11.88000	5.00000
-8.265	.357	-8.23130	.15240	-8.15300	.15120	-8.15300	.15120	11.88000	5.00000
-8.008	4.239	-8.09020	4.04850	-8.03040	3.97690	-8.03040	3.97690	11.88000	5.00000
-7.779	8.258	-7.89750	6.08750	-7.86140	5.97880	-7.86140	5.97880	11.88000	5.00000
	GRADIENT	.01681	.99476	.01779	.97618	.01779	.97618	-.00000	-.00000

RUN NO. 1824/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.280	-6.114	-4.07940	-6.16840	-4.11930	-6.06820	-4.11930	-6.06820	11.88000	5.00000
-4.432	-4.057	-4.24430	-4.14520	-4.24760	-4.07280	-4.24760	-4.07280	11.88000	5.00000
-4.099	.194	-4.05980	-.00980	-4.02690	-.00840	-4.02690	-.00840	11.88000	5.00000
-3.912	4.251	-4.05470	4.10090	-4.05860	4.03330	-4.05860	4.03330	11.88000	5.00000
-3.662	6.229	-3.82990	6.10570	-3.86800	6.01190	-3.86800	6.01190	11.88000	5.00000
	GRADIENT	.02299	.99240	.02298	.97555	.02298	.97555	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M066) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1825/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.154	-6.220	.05010	-6.18140	-.07200	-6.11430	-.07200	-6.11490	11.88000	5.00000
-.234	-4.375	-.03020	-4.33600	-.11670	-4.27940	-.11670	-4.27940	11.88000	5.00000
-.247	-.123	-.04310	-.08520	-.09330	-.05670	-.09330	-.05670	11.88000	5.00000
-.187	3.632	.01720	3.67010	-.06090	3.67450	-.06090	3.67450	11.88000	5.00000
-.103	5.705	.10150	5.74410	-.01250	5.73760	-.01250	5.73760	11.88000	5.00000
	GRADIENT	.00572	.99996	.00694	.99344	.00694	.99344	.00000	.00000

RUN NO. 1826/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.169	-5.695	4.01190	-5.83090	3.83070	-5.88360	3.83070	-5.88360	11.88000	5.00000
3.881	-3.680	3.75200	-3.84290	3.63040	-3.88090	3.63040	-3.88090	11.88000	5.00000
4.058	.202	4.09580	-.00240	4.02830	-.00610	4.02830	-.00610	11.88000	5.00000
3.764	4.012	3.94000	3.90230	3.82800	3.93010	3.82800	3.93010	11.88000	5.00000
4.015	5.986	4.20890	5.91230	4.05050	5.95270	4.05050	5.95270	11.88000	5.00000
	GRADIENT	.02464	1.00685	.02593	1.01540	.02593	1.01540	-.00000	.00000

RUN NO. 1845/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.152	-5.681	6.02400	-5.84470	5.83580	-5.91560	5.83580	-5.91560	11.88000	5.00000
6.064	-3.707	5.97350	-3.89370	5.83540	-3.94460	5.83540	-3.94460	11.88000	5.00000
5.952	.210	5.99070	.00630	5.89600	-.00080	5.89600	-.00080	11.88000	5.00000
5.550	3.973	5.70310	3.83190	5.58080	3.86430	5.58080	3.86430	11.88000	5.00000
5.619	5.015	5.79990	5.91200	5.63400	5.96380	5.63400	5.96380	11.88000	5.00000
	GRADIENT	-.03494	1.00596	-.03282	1.01681	-.03282	1.01681	.00000	-.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1827/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.205	-3.915	-8.04800	-4.04940	-7.99620	-3.95590	-7.99620	-3.95590	11.88000	5.00000
-8.283	.355	-8.23720	.15360	-8.15080	.15260	-8.15080	.15260	11.88000	5.00000
-7.987	4.260	-8.05900	4.06640	-7.99380	3.98360	-7.99380	3.98360	11.88000	5.00000
	GRADIENT	-.00201	.99260	-.00027	.97103	-.00027	.97103	-.00000	-.00000

RUN NO. 1828/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-6.263	-3.987	-6.08810	-4.09590	-6.06470	-4.00810	-6.06470	-4.00810	11.88000	5.00000
-6.099	.198	-6.04690	-.00190	-5.98720	-.00220	-5.98720	-.00220	11.88000	5.00000
-5.714	4.366	-5.81880	4.18780	-5.79280	4.10290	-5.79280	4.10290	11.88000	5.00000
	GRADIENT	.03223	.99174	.03254	.97107	.03254	.97107	-.00000	.00000

RUN NO. 1829/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.109	-4.088	-3.91350	-4.15300	-3.92680	-4.07050	-3.92680	-4.07050	11.88000	5.00000
-4.111	.192	-4.05890	-.00750	-4.02350	-.00670	-4.02350	-.00670	11.88000	5.00000
-3.937	4.280	-4.07080	4.12230	-4.07790	4.04310	-4.07790	4.04310	11.88000	5.00000
	GRADIENT	-.01892	.98880	-.01809	.96948	-.01809	.96948	.00000	-.00000

RUN NO. 1830/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-2.304	-4.157	-2.09790	-4.17270	-2.14760	-4.09880	-2.14760	-4.09880	11.88000	5.00000
-2.206	.194	-2.15340	-.00550	-2.14120	-.00550	-2.14120	-.00550	11.88000	5.00000
-1.679	4.291	-1.85350	4.18020	-1.90700	4.11100	-1.90700	4.11100	11.88000	5.00000
	GRADIENT	.02850	.98833	.02820	.97139	.02820	.97139	.00000	.00000

RUN NO. 1831/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.196	-4.354	.00420	-4.30240	-.09420	-4.24440	-.09420	-4.24440	11.88000	5.00000
-.248	-.303	-.04830	-.25120	-.10320	-.22160	-.10320	-.22160	11.88000	5.00000
-.185	3.546	.01470	3.59750	-.07540	3.59970	-.07540	3.59970	11.88000	5.00000
	GRADIENT	.00120	.99996	.00234	.99290	.00234	.99290	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M067) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1832/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
2.212	-3.720	2.05340	-3.85240	1.93040	-3.87570	1.93040	-3.87570	11.88000	5.00000
1.792	.201	1.84340	.00140	1.79550	.00030	1.79550	.00030	11.88000	5.00000
1.711	3.833	1.91400	3.79460	1.80800	3.81070	1.80800	3.81070	11.88000	5.00000
	GRADIENT	-.01892	1.01201	-.01645	1.01723	-.01645	1.01723	-.00000	-.00000

RUN NO. 1833/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
3.956	-3.758	3.83780	-3.92760	3.70070	-3.96680	3.70070	-3.96680	11.88000	5.00000
4.038	.200	4.08990	.00030	4.01270	-.00260	4.01270	-.00260	11.88000	5.00000
3.782	3.987	3.96440	3.89070	3.83830	3.92130	3.83830	3.92130	11.88000	5.00000
	GRADIENT	.01670	1.00935	.01823	1.01836	.01823	1.01836	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M068) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1834/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.314	-6.032	-8.13270	-6.12920	-8.11350	-5.98110	-8.11350	-5.98110	11.88000	5.00000
-8.362	-3.934	-8.20390	-4.06470	-8.15110	-3.96030	-8.15110	-3.96030	11.88000	5.00000
-8.279	.319	-8.22790	.12010	-8.13890	.12130	-8.13890	.12130	11.88000	5.00000
-8.017	4.273	-8.08530	4.07950	-8.01810	3.98900	-8.01910	3.98900	11.88000	5.00000
-7.758	6.248	-7.86380	6.07240	-7.82890	5.93790	-7.82890	5.93790	11.88000	5.00000
	GRADIENT	.01420	.99224	.01592	.96849	.01592	.96849	-.00000	-.00000

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (V8M068) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1835/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.215	-6.148	-4.01270	-6.18100	-4.06800	-6.05850	-4.06800	-6.05850	11.88000	5.00000
-4.443	-4.098	-4.24920	-4.16680	-4.25880	-4.07670	-4.25880	-4.07670	11.88000	5.00000
-4.126	.187	-4.07000	-.01100	-4.03300	-.01000	-4.03300	-.01000	11.88000	5.00000
-3.941	4.271	-4.07060	4.11100	-4.07750	4.02600	-4.07750	4.02600	11.88000	5.00000
-3.676	6.247	-3.83170	6.11330	-3.88170	5.99550	-3.88170	5.99550	11.88000	5.00000
	GRADIENT	.02151	.98896	.02192	.96803	.02192	.96803	.00000	.00000

RUN NO. 1836/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.073	-6.264	.12500	-6.20770	-.02910	-6.13200	-.02910	-6.13200	11.88000	5.00000
-.158	-4.389	.04000	-4.33370	-.06370	-4.27180	-.06370	-4.27180	11.88000	5.00000
-.189	-.142	.00890	-.08630	-.04220	-.05850	-.04220	-.05850	11.88000	5.00000
-.112	3.625	.08600	3.67950	-.00390	3.67770	-.00390	3.67770	11.88000	5.00000
-.006	5.687	.19240	5.74240	.05160	5.72760	.05160	5.72760	11.88000	5.00000
	GRADIENT	.00546	.99996	.00741	.99201	.00741	.99201	.00000	.00000

RUN NO. 1837/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.175	-5.665	4.03030	-5.81030	3.82160	-5.86720	3.82160	-5.86720	11.88000	5.00000
3.866	-3.672	3.75010	-3.84230	3.61020	-3.88310	3.61020	-3.88310	11.88000	5.00000
4.044	.195	4.09920	-.00250	4.02080	-.00530	4.02080	-.00530	11.88000	5.00000
3.734	3.960	3.91870	3.86900	3.78810	3.90000	3.78810	3.90000	11.88000	5.00000
3.808	5.874	4.00740	5.82390	3.81980	5.86820	3.81980	5.86820	11.88000	5.00000
	GRADIENT	.02240	1.01031	.02369	1.01972	.02369	1.01972	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S W0/SILTS (V8M069) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
1B-ELV = 12.000 CB-ELV = 5.000

RUN NO. 1838/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.274	-6.057	-8.09000	-6.14410	-8.10420	-5.93560	-8.10420	-5.93560	11.88000	5.00000
-8.370	-3.960	-8.20750	-4.08230	-8.16450	-3.94230	-8.16450	-3.94230	11.88000	5.00000
-8.319	.338	-8.26310	.14210	-8.16940	.14320	-8.16940	.14320	11.88000	5.00000
-7.996	4.290	-8.06230	4.09730	-8.00690	3.97380	-8.00690	3.97380	11.88000	5.00000
	GRADIENT	.01715	.99132	.01881	.95937	.01881	.95937	-.00000	-.00000

RUN NO. 1839/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-6.238	-4.035	-6.05820	-4.13040	-6.05470	-4.00120	-6.05470	-4.00120	11.88000	5.00000
-6.107	.192	-6.04650	-.00260	-5.98480	.00000	-5.98480	.00000	11.88000	5.00000
-5.983	4.310	-6.07540	4.12810	-6.06190	4.00700	-6.06190	4.00700	11.88000	5.00000
	GRADIENT	-.00204	.98956	-.00079	.95957	-.00079	.95957	-.00000	-.00000

RUN NO. 1840/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.075	-4.132	-3.87790	-4.18320	-3.92040	-4.06730	-3.92040	-4.06730	11.88000	5.00000
-4.173	.185	-4.05190	-.00890	-4.02060	-.00610	-4.02060	-.00610	11.88000	5.00000
-3.978	4.320	-4.10350	4.15960	-4.13690	4.04250	-4.13690	4.04250	11.88000	5.00000
	GRADIENT	-.02679	.98695	-.02560	.95940	-.02560	.95940	-.00000	-.00000

RUN NO. 1841/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-2.378	-4.217	-2.17450	-4.22420	-2.25670	-4.12460	-2.25670	-4.12460	11.88000	5.00000
-2.169	.189	-2.10720	-.00540	-2.10540	-.00520	-2.10540	-.00520	11.88000	5.00000
-1.882	4.318	-2.04450	4.19450	-2.12760	4.09420	-2.12760	4.09420	11.88000	5.00000
	GRADIENT	.01523	.98602	.01534	.96261	.01534	.96261	.00000	.00000

RUN NO. 1842/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.037	-4.368	.15730	-4.30720	.01610	-4.24080	.01610	-4.24080	11.88000	5.00000
-.073	-.311	.12110	-.25050	.05330	-.22080	.05330	-.22080	11.88000	5.00000
.029	3.560	.22330	3.62090	.10380	3.61740	.10380	3.61740	11.88000	5.00000
	GRADIENT	.00819	.99994	.01105	.99112	.01105	.99112	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M069) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1843/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
2.194	-3.678	2.03930	-3.81030	1.88910	-3.83770	1.88910	-3.83770	11.88000	5.00000
2.135	.203	2.19600	.00870	2.13070	.00460	2.13070	.00460	11.88000	5.00000
1.713	3.808	1.91570	3.78790	1.78330	3.80300	1.78330	3.80300	11.88000	5.00000
	GRADIENT	-.01579	1.01462	-.01316	1.02030	-.01316	1.02030	.00000	.00000

RUN NO. 1844/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
3.980	-3.727	3.86860	-3.89780	3.70270	-3.94730	3.70270	-3.94730	11.88000	5.00000
4.040	.201	4.10110	.00680	4.00940	-.00030	4.00940	-.00030	11.88000	5.00000
3.783	3.963	3.97050	3.88270	3.81800	3.91560	3.81800	3.91560	11.88000	5.00000
	GRADIENT	.01359	1.01153	.01546	1.02225	.01546	1.02225	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M070) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1846/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.163	-6.115	-7.97650	-6.19820	-7.99680	-5.98720	-7.99680	-5.98720	11.88000	5.00000
-8.104	-4.018	-7.93570	-4.13470	-7.89770	-3.99130	-7.89770	-3.99130	11.88000	5.00000
-8.075	.190	-8.01150	-.00440	-7.92040	.00080	-7.92040	.00080	11.88000	5.00000
-8.046	4.307	-8.10980	4.11320	-8.05790	3.98210	-8.05790	3.98210	11.88000	5.00000
-7.723	6.331	-7.82510	6.15470	-7.83430	5.95300	-7.83430	5.95300	11.88000	5.00000
	GRADIENT	-.02090	.99061	-.01919	.95764	-.01919	.95764	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M070) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1847/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.180	-6.198	-3.97700	-6.22130	-4.09800	-6.05200	-4.09800	-6.05200	11.88000	5.00000
-4.454	-4.140	-4.25780	-4.19690	-4.29630	-4.07690	-4.29630	-4.07690	11.88000	5.00000
-4.133	.184	-4.06930	-.01050	-4.03780	-.00980	-4.03780	-.00980	11.88000	5.00000
-3.978	4.312	-4.10140	4.14930	-4.14230	4.03160	-4.14230	4.03160	11.88000	5.00000
-3.596	6.303	-3.74700	6.16520	-3.86740	5.99930	-3.86740	5.99930	11.88000	5.00000
	GRADIENT	.01870	.98728	.01855	.95917	.01855	.95917	.00000	.00000

RUN NO. 1848/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.071	-6.289	.26510	-6.22570	.04150	-6.14600	.04150	-6.14600	11.88000	5.00000
-.023	-4.403	.17180	-4.34000	.02560	-4.27830	.02560	-4.27830	11.88000	5.00000
-.081	-.155	.11340	-.09180	.04660	-.06470	.04660	-.06470	11.88000	5.00000
.005	3.601	.19920	3.66440	.08150	3.65940	.08150	3.65940	11.88000	5.00000
.099	5.700	.29310	5.76280	.10180	5.74090	.10180	5.74090	11.88000	5.00000
	GRADIENT	.00305	.99999	.00694	.99166	.00694	.99166	-.00000	-.00000

RUN NO. 1849/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.193	-5.624	4.05150	-5.77160	3.79750	-5.84720	3.79750	-5.84720	11.88000	5.00000
3.895	-3.663	3.78330	-3.83370	3.61570	-3.88970	3.61570	-3.88970	11.88000	5.00000
4.050	.190	4.11230	-.00450	4.02190	-.01200	4.02190	-.01200	11.88000	5.00000
3.761	3.949	3.94920	3.86950	3.79490	3.90940	3.79490	3.90940	11.88000	5.00000
4.091	5.912	4.29160	5.87020	4.05950	5.93080	4.05950	5.93080	11.88000	5.00000
	GRADIENT	.02206	1.01201	.02389	1.02461	.02389	1.02461	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M071) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
1B-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1850/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.003	-6.098	-7.81210	-6.17900	-7.85110	-5.95370	-7.85110	-5.95370	11.88000	5.00000
-8.363	-3.996	-8.19380	-4.11500	-8.15720	-3.96920	-8.15720	-3.96920	11.88000	5.00000
-8.340	.260	-8.27650	.06350	-8.18610	.06640	-8.18610	.06640	11.88000	5.00000
-7.976	4.313	-8.04050	4.11620	-7.99420	3.98370	-7.99420	3.98370	11.88000	5.00000
-7.758	6.341	-7.86090	6.16160	-7.87550	5.95290	-7.87550	5.95290	11.88000	5.00000
	GRADIENT	.01813	.99061	.01940	.95711	.01940	.95711	-.00000	-.00000

RUN NO. 1851/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.131	-6.202	-3.92480	-6.22320	-4.05710	-6.04930	-4.05710	-6.04930	11.88000	5.00000
-4.423	-4.143	-4.22460	-4.19980	-4.27310	-4.07380	-4.27310	-4.07380	11.88000	5.00000
-4.128	.183	-4.06180	-.01340	-4.03530	-.01240	-4.03530	-.01240	11.88000	5.00000
-3.972	4.303	-4.09570	4.13760	-4.13850	4.01660	-4.13850	4.01660	11.88000	5.00000
-3.600	6.297	-3.75210	6.15620	-3.87140	5.98860	-3.87140	5.98860	11.88000	5.00000
	GRADIENT	.01545	.98692	.01626	.95768	.01626	.95768	.00000	-.00000

RUN NO. 1852/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.095	-6.298	.29120	-6.23220	.06730	-6.15310	.06730	-6.15310	11.88000	5.00000
.002	-4.406	.19800	-4.34110	.05060	-4.27780	.05060	-4.27780	11.88000	5.00000
-.039	-.159	.15690	-.09350	.08490	-.06620	.08490	-.06620	11.88000	5.00000
.045	3.596	.24120	3.66130	.11850	3.65620	.11850	3.65620	11.88000	5.00000
.142	5.692	.33870	5.75720	.14350	5.73430	.14350	5.73430	11.88000	5.00000
	GRADIENT	.00507	.99998	.00848	.99143	.00848	.99143	.00000	.00000

RUN NO. 1853/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.206	-5.625	4.06420	-5.77530	3.80780	-5.85200	3.80780	-5.85200	11.88000	5.00000
3.890	-3.650	3.77780	-3.82360	3.60940	-3.88080	3.60940	-3.88080	11.88000	5.00000
4.032	.198	4.09680	.00150	4.00410	-.00800	4.00410	-.00800	11.88000	5.00000
3.768	3.951	3.95980	3.87390	3.80150	3.91180	3.80150	3.91180	11.88000	5.00000
4.042	5.905	4.24520	5.86560	4.01580	5.92090	4.01580	5.92090	11.88000	5.00000
	GRADIENT	.02419	1.01263	.02560	1.02514	.02560	1.02514	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M072) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1854/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.148	-4.029	-7.96640	-4.14940	-7.93820	-3.99280	-7.93820	-3.99280	11.88000	5.00000
-8.253	.255	-8.18510	.04830	-8.09940	.05300	-8.09940	.05300	11.88000	5.00000
-7.998	4.312	-8.06510	4.10430	-8.02430	3.96960	-8.02430	3.96960	11.88000	5.00000
	GRADIENT	-.01220	.98944	-.01058	.95451	-.01058	.95451	-.00000	.00000

RUN NO. 1855/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-6.281	-4.041	-6.08580	-4.13650	-6.09040	-3.99570	-6.09040	-3.99570	11.88000	5.00000
-6.124	.194	-6.05360	-.01160	-5.99800	-.00670	-5.99800	-.00670	11.88000	5.00000
-5.981	4.333	-6.07670	4.13710	-6.07370	4.00910	-6.07370	4.00910	11.88000	5.00000
	GRADIENT	.00111	.98793	.00207	.95583	.00207	.95583	-.00000	-.00000

RUN NO. 1856/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.007	-4.137	-3.79430	-4.18480	-3.84400	-4.06640	-3.84400	-4.06640	11.88000	5.00000
-4.122	.195	-4.05060	-.01130	-4.02300	-.00680	-4.02300	-.00680	11.88000	5.00000
-3.979	4.323	-4.10890	4.14810	-4.14360	4.03510	-4.14360	4.03510	11.88000	5.00000
	GRADIENT	-.03737	.98473	-.03546	.95739	-.03546	.95739	.00000	.00000

RUN NO. 1857/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-2.387	-4.207	-2.16950	-4.20960	-2.25410	-4.11120	-2.25410	-4.11120	11.88000	5.00000
-2.156	.200	-2.08460	-.00630	-2.08500	-.00480	-2.08500	-.00480	11.88000	5.00000
-1.899	4.315	-2.06780	4.17850	-2.14450	4.08430	-2.14450	4.08430	11.88000	5.00000
	GRADIENT	.01202	.98394	.01316	.96135	.01316	.96135	-.00000	-.00000

RUN NO. 1858/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.011	-4.368	.21720	-4.29670	.07850	-4.23320	.07950	-4.23320	11.88000	5.00000
-.019	-.321	.18750	-.25050	.11730	-.22230	.11730	-.22230	11.88000	5.00000
.060	3.548	.26690	3.61790	.15190	3.61200	.15190	3.61200	11.88000	5.00000
	GRADIENT	.00617	.99990	.00928	.99113	.00928	.99113	.00000	-.00000

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (V8M072) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1859/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
2.238	-3.700	2.07420	-3.84410	1.92040	-3.87350	1.92040	-3.87350	11.88000	5.00000
2.108	.214	2.17840	.00780	2.11460	.00250	2.11460	.00250	11.88000	5.00000
1.698	3.789	1.91540	3.77520	1.78550	3.78960	1.78550	3.78960	11.88000	5.00000
	GRADIENT	-.02045	1.01692	-.01695	1.02277	-.01695	1.02277	.00000	-.00000

RUN NO. 1860/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
3.948	-3.707	3.83080	-3.89020	3.66410	-3.94370	3.66410	-3.94370	11.88000	5.00000
4.041	.213	4.11160	.00670	4.01950	-.00250	4.01950	-.00250	11.88000	5.00000
3.786	3.949	3.98800	3.86920	3.83850	3.90430	3.83850	3.90430	11.88000	5.00000
	GRADIENT	.02095	1.01329	.02333	1.02486	.02333	1.02486	-.00000	-.00000

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (V8M073) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1861/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.251	-6.055	-8.00940	-6.15270	-8.03030	-5.94330	-8.03030	-5.94330	11.88000	5.00000
-8.432	-3.968	-8.21430	-4.11320	-8.17440	-3.96940	-8.17440	-3.96940	11.88000	5.00000
-8.295	.374	-8.21530	.12540	-8.12250	.12270	-8.12250	.12270	11.88000	5.00000
-8.033	4.350	-8.11430	4.10090	-8.06110	3.97310	-8.06110	3.97310	11.88000	5.00000
-7.695	6.358	-7.82510	6.13220	-7.81990	5.94690	-7.81990	5.94690	11.88000	5.00000
	GRADIENT	.01183	.98732	.01360	.95465	.01360	.95465	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M073) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1862/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.304	-6.197	-4.04270	-6.21780	-4.13550	-6.05700	-4.13550	-6.05700	11.88000	5.00000
-4.477	-4.125	-4.22290	-4.18690	-4.24610	-4.07220	-4.24610	-4.07220	11.88000	5.00000
-4.135	.233	-4.04800	-.01230	-4.00890	-.01140	-4.00890	-.01140	11.88000	5.00000
-4.053	4.325	-4.20780	4.11410	-4.21320	4.01150	-4.21320	4.01150	11.88000	5.00000
-3.558	6.311	-3.75050	6.13470	-3.81620	5.99090	-3.81620	5.99090	11.88000	5.00000
	GRADIENT	.00220	.98215	.00444	.95643	.00444	.95643	.00000	-.00000

RUN NO. 1863/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.093	-6.329	.15350	-6.24250	-.02870	-6.15500	-.02870	-6.15500	11.88000	5.00000
-.182	-4.431	.06350	-4.34590	-.04970	-4.27580	-.04970	-4.27580	11.88000	5.00000
-.175	-.198	.07160	-.11290	.01830	-.08390	.01830	-.08390	11.88000	5.00000
-.115	3.569	.12980	3.65310	.04040	3.64590	.04040	3.64590	11.88000	5.00000
-.071	5.674	.17480	5.75940	.03180	5.73100	.03180	5.73100	11.88000	5.00000
	GRADIENT	.00816	.99991	.01136	.99025	.01136	.99025	-.00000	-.00000

RUN NO. 1864/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.217	-5.605	4.03960	-5.79520	3.81020	-5.85700	3.81020	-5.85700	11.88000	5.00000
3.906	-3.606	3.76740	-3.82540	3.61840	-3.87360	3.61840	-3.87360	11.88000	5.00000
4.022	.245	4.10730	-.00220	4.02580	-.01190	4.02580	-.01190	11.88000	5.00000
3.696	3.974	3.93770	3.87930	3.80610	3.90550	3.80610	3.90550	11.88000	5.00000
3.986	5.920	4.24080	5.87200	4.04320	5.91300	4.04320	5.91300	11.88000	5.00000
	GRADIENT	.02283	1.01635	.02520	1.02617	.02520	1.02617	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M074) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1865/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.476	-6.069	-8.13480	-6.17760	-8.14550	-5.99910	-8.14550	-5.99910	11.88000	5.00000
-8.496	-3.899	-8.18360	-4.07270	-8.14180	-3.95480	-8.14180	-3.95480	11.88000	5.00000
-8.355	.462	-8.21390	.13420	-8.12790	.13290	-8.12790	.13290	11.88000	5.00000
-7.965	4.448	-8.03910	4.09700	-7.98820	3.98780	-7.98820	3.98780	11.88000	5.00000
-7.736	6.449	-7.87800	6.12340	-7.86660	5.96400	-7.86660	5.96400	11.88000	5.00000
	GRADIENT	.01693	.97846	.01816	.95125	.01816	.95125	-.00000	-.00000

RUN NO. 1866/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.376	-6.214	-4.02170	-6.21010	-4.08090	-6.08150	-4.08090	-6.08150	11.88000	5.00000
-4.605	-4.109	-4.25360	-4.16500	-4.25410	-4.07480	-4.25410	-4.07480	11.88000	5.00000
-4.233	.315	-4.07930	-.01100	-4.03100	-.01280	-4.03100	-.01280	11.88000	5.00000
-3.958	4.449	-4.14220	4.14600	-4.13340	4.06280	-4.13340	4.06280	11.88000	5.00000
-3.565	6.363	-3.80130	6.09590	-3.83690	5.97950	-3.83690	5.97950	11.88000	5.00000
	GRADIENT	.01333	.97079	.01453	.95053	.01453	.95053	.00000	.00000

RUN NO. 1867/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.244	-6.373	.08010	-6.22250	-.05520	-6.14500	-.05520	-6.14500	11.88000	5.00000
-.319	-4.498	.00720	-4.34720	-.07470	-4.28390	-.07470	-4.28390	11.88000	5.00000
-.334	-.226	-.01130	-.07900	-.04660	-.04990	-.04660	-.04990	11.88000	5.00000
-.297	3.509	.02670	3.65610	-.03680	3.65460	-.03680	3.65460	11.88000	5.00000
-.248	5.606	.07650	5.75610	-.02940	5.73650	-.02940	5.73650	11.88000	5.00000
	GRADIENT	.00227	.99958	.00478	.99148	.00478	.99148	.00000	.00000

RUN NO. 1868/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.249	-5.525	4.03850	-5.81240	3.84850	-5.87370	3.84850	-5.87370	11.88000	5.00000
3.905	-3.514	3.75120	-3.83440	3.63480	-3.87980	3.63480	-3.87980	11.88000	5.00000
3.914	.327	4.06240	.00320	4.00770	-.00810	4.00770	-.00810	11.88000	5.00000
3.608	3.992	3.94860	3.88620	3.84900	3.91010	3.84900	3.91010	11.88000	5.00000
3.876	5.944	4.22870	5.90510	4.07570	5.94060	4.07570	5.94060	11.88000	5.00000
	GRADIENT	.02674	1.02848	.02909	1.03771	.02909	1.03771	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M075) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1694/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.105	-7.946	-7.99730	-8.12640	-7.99590	-8.00930	-7.99590	-8.00930	11.88000	8.92000
-8.076	-3.872	-8.02870	-4.07620	-7.98340	-4.01280	-7.98340	-4.01280	11.88000	8.92000
-8.120	.330	-8.19700	.13500	-8.13080	.13010	-8.13080	.13010	11.88000	8.92000
-7.922	4.170	-8.08920	4.04400	-8.03880	3.98390	-8.03880	3.98390	11.88000	8.92000
-7.864	8.190	-8.06410	8.12430	-8.04820	8.01040	-8.04820	8.01040	11.88000	8.92000
	GRADIENT	-.00803	1.00956	-.00733	.99419	-.00733	.99419	-.00000	.00000

RUN NO. 1695/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.188	-8.047	-4.03210	-8.18690	-4.08630	-8.08590	-4.08630	-8.08590	11.88000	8.92000
-4.129	-3.939	-4.01510	-4.11550	-4.01340	-4.05880	-4.01340	-4.05880	11.88000	8.92000
-4.002	.185	-4.07590	-.01140	-4.04480	-.01260	-4.04480	-.01260	11.88000	8.92000
-3.928	4.161	-4.03110	4.10430	-4.03080	4.04680	-4.03080	4.04680	11.88000	8.92000
-3.792	8.163	-4.00190	8.16020	-4.05280	8.06020	-4.05280	8.06020	11.88000	8.92000
	GRADIENT	-.00205	1.01469	-.00218	1.00059	-.00218	1.00059	-.00000	-.00000

RUN NO. 1696/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.132	-8.249	.06470	-8.32480	-.06010	-8.25690	-.06010	-8.25690	11.88000	8.92000
-.223	-4.025	-.02620	-4.09910	-.08550	-4.05120	-.08550	-4.05120	11.88000	8.92000
-.207	-.079	-.01120	-.15560	-.05080	-.12810	-.05080	-.12810	11.88000	8.92000
-.164	3.839	.03290	3.76490	-.02910	3.77310	-.02910	3.77310	11.88000	8.92000
-.075	7.830	.12140	7.75390	.00100	7.74460	.00100	7.74460	11.88000	8.92000
	GRADIENT	.00751	.99992	.00717	.99487	.00717	.99487	-.00000	-.00000

RUN NO. 1697/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.257	-7.801	4.04710	-7.81170	3.85890	-7.86490	3.85890	-7.86490	11.88000	8.92000
4.164	-3.823	3.96990	-3.90380	3.88130	-3.93860	3.88130	-3.93860	11.88000	8.92000
4.098	.193	4.02320	-.00390	3.97890	-.00560	3.97890	-.00560	11.88000	8.92000
3.843	4.102	3.93200	3.91180	3.85360	3.93670	3.85360	3.93670	11.88000	8.92000
3.893	7.974	4.03980	7.82300	3.88280	7.86340	3.88280	7.86340	11.88000	8.92000
	GRADIENT	-.00470	.98617	-.00337	.99370	-.00337	.99370	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M075) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1728/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
8.169	-7.697	7.97130	-7.77160	7.74670	-7.89450	7.74670	-7.89450	11.88000	8.92000
8.176	-3.771	8.01670	-3.90790	7.89420	-3.97550	7.89420	-3.97550	11.88000	8.92000
7.799	.145	7.72110	-.05120	7.64090	-.05610	7.64090	-.05610	11.88000	8.92000
8.122	4.132	8.14560	3.92240	8.02910	3.97430	8.02910	3.97430	11.88000	8.92000
8.189	8.096	8.28250	7.90800	8.07660	8.01570	8.07660	8.01570	11.88000	8.92000
	GRADIENT	.01659	.99084	.01732	1.00596	.01732	1.00596	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M076) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1698/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.283	-5.997	-8.11220	-6.11500	-8.09080	-5.99420	-8.09080	-5.99420	11.88000	8.92000
-8.344	-3.871	-8.20050	-4.02040	-8.14990	-3.94100	-8.14990	-3.94100	11.88000	8.92000
-8.282	.360	-8.24940	.15530	-8.17130	.15270	-8.17130	.15270	11.88000	8.92000
-7.998	4.243	-8.08050	4.05190	-8.02380	3.97540	-8.02380	3.97540	11.88000	8.92000
-7.761	8.244	-7.87950	6.07430	-7.84820	5.96020	-7.84820	5.96020	11.88000	8.92000
	GRADIENT	.01440	.99483	.01523	.97561	.01523	.97561	-.00000	-.00000

RUN NO. 1699/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.237	-6.092	-4.03690	-6.14770	-4.08050	-6.04790	-4.08050	-6.04790	11.88000	8.92000
-4.439	-4.052	-4.25240	-4.14230	-4.25690	-4.07120	-4.25690	-4.07120	11.88000	8.92000
-4.110	.193	-4.07080	-.01130	-4.03880	-.01130	-4.03880	-.01130	11.88000	8.92000
-3.925	4.261	-4.06750	4.10990	-4.07430	4.03890	-4.07430	4.03890	11.88000	8.92000
-3.641	6.227	-3.80830	6.10390	-3.85200	6.00680	-3.85200	6.00680	11.88000	8.92000
	GRADIENT	.02239	.99262	.02218	.97553	.02218	.97553	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M076) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1700/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.148	-6.107	.05590	-6.06900	-.06590	-6.00530	-.06590	-6.00530	11.88000	8.92000
-.201	-4.289	.00300	-4.25140	-.08370	-4.19780	-.08370	-4.19780	11.88000	8.92000
-.210	-.264	-.00610	-.22640	-.05870	-.19850	-.05870	-.19850	11.88000	8.92000
-.141	3.626	.06270	3.66360	-.01990	3.66750	-.01990	3.66750	11.88000	8.92000
-.039	5.698	.16500	5.73570	.04480	5.72880	.04480	5.72880	11.88000	8.92000
	GRADIENT	.00749	.99996	.00805	.99368	.00805	.99368	-.00000	.00000

RUN NO. 1701/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.188	-5.695	4.03010	-5.83030	3.84680	-5.88390	3.84680	-5.88390	11.88000	8.92000
3.865	-3.706	3.73430	-3.86740	3.61090	-3.90710	3.61090	-3.90710	11.88000	8.92000
4.014	.199	4.05150	-.00500	3.98220	-.00910	3.98220	-.00910	11.88000	8.92000
3.775	4.000	3.95130	3.89120	3.83430	3.92020	3.83430	3.92020	11.88000	8.92000
4.000	5.992	4.19480	5.91990	4.02800	5.96300	4.02800	5.96300	11.88000	8.92000
	GRADIENT	.02840	1.00668	.02929	1.01560	.02929	1.01560	-.00000	-.00000

RUN NO. 1702/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.345	-5.706	6.21860	-5.87090	6.02590	-5.94630	6.02590	-5.94630	11.88000	8.92000
6.072	-3.717	5.98070	-3.90280	5.84010	-3.95530	5.84010	-3.95530	11.88000	8.92000
5.932	.208	5.97010	.00350	5.87340	-.00410	5.87340	-.00410	11.88000	8.92000
5.641	4.012	5.79480	3.87250	5.66590	3.90490	5.66590	3.90490	11.88000	8.92000
6.011	6.056	6.18900	5.94930	6.01650	6.00420	6.01650	6.00420	11.88000	8.92000
	GRADIENT	-.02394	1.00592	-.02238	1.01691	-.02238	1.01691	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M077) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1703/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.289	-6.014	-8.10960	-6.11650	-8.08820	-5.97680	-8.08820	-5.97680	11.88000	8.92000
-8.330	-3.935	-8.17440	-4.07040	-8.12140	-3.97620	-8.12140	-3.97620	11.88000	8.92000
-8.308	.310	-8.25950	.10930	-8.17330	.10780	-8.17330	.10780	11.88000	8.92000
-8.007	4.256	-8.07840	4.06150	-8.01210	3.97700	-8.01210	3.97700	11.88000	8.92000
-7.753	6.250	-7.86180	6.07460	-7.82400	5.94650	-7.82400	5.94650	11.88000	8.92000
	GRADIENT	.01132	.99278	.01302	.97095	.01302	.97095	-.00000	-.00000

RUN NO. 1704/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.249	-6.147	-4.04640	-6.18610	-4.10140	-6.06990	-4.10140	-6.06990	11.88000	8.92000
-4.413	-4.093	-4.22010	-4.16630	-4.23050	-4.08350	-4.23050	-4.08350	11.88000	8.92000
-4.116	.188	-4.06310	-.01150	-4.02830	-.01160	-4.02830	-.01160	11.88000	8.92000
-3.938	4.270	-4.07060	4.11100	-4.07650	4.03150	-4.07650	4.03150	11.88000	8.92000
-3.665	6.246	-3.62380	6.11360	-3.87250	6.00160	-3.87250	6.00160	11.88000	8.92000
	GRADIENT	.01803	.98969	.01865	.97028	.01865	.97028	.00000	-.00000

RUN NO. 1705/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.088	-6.235	.11210	-6.18300	-.03920	-6.11690	-.03920	-6.11690	11.88000	8.92000
-.189	-4.391	.01110	-4.33980	-.09380	-4.28340	-.09380	-4.28340	11.88000	8.92000
-.210	-.078	-.01030	-.02590	-.06660	-.00060	-.06660	-.00060	11.88000	8.92000
-.136	3.650	.06410	3.70210	-.02980	3.70140	-.02980	3.70140	11.88000	8.92000
-.044	5.685	.15660	5.73650	.01530	5.72440	.01530	5.72440	11.88000	8.92000
	GRADIENT	.00629	1.00003	.00792	.99292	.00792	.99292	.00000	-.00000

RUN NO. 1711/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.192	-5.665	4.04410	-5.80850	3.84550	-5.86190	3.84550	-5.86190	11.88000	8.92000
4.106	-3.710	3.99060	-3.88120	3.85100	-3.92330	3.85100	-3.92330	11.88000	8.92000
3.991	.203	4.04280	.00280	3.96450	-.00250	3.96450	-.00250	11.88000	8.92000
3.788	3.991	3.97130	3.89550	3.84470	3.92240	3.84470	3.92240	11.88000	8.92000
4.023	5.960	4.22110	5.90180	4.04340	5.94090	4.04340	5.94090	11.88000	8.92000
	GRADIENT	-.00242	1.00978	-.00066	1.01874	-.00066	1.01874	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (V8M078) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1707/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.061	-6.002	-7.87830	-6.09630	-7.86570	-5.94500	-7.86570	-5.94500	11.88000	8.92000
-8.373	-3.962	-8.21400	-4.09240	-8.16110	-3.99000	-8.16110	-3.99000	11.88000	8.92000
-8.299	.262	-8.24600	.06330	-8.15720	.06540	-8.15720	.06540	11.88000	8.92000
-7.996	4.268	-8.06440	4.07400	-7.99770	3.98340	-7.99770	3.98340	11.88000	8.92000
-7.784	6.255	-7.89010	6.07890	-7.85390	5.94270	-7.85390	5.94270	11.88000	8.92000
	GRADIENT	.01795	.99224	.01968	.96879	.01968	.96879	-.00000	.00000

RUN NO. 1708/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.124	-6.130	-3.92140	-6.16190	-3.98220	-6.04050	-3.98220	-6.04050	11.88000	8.92000
-4.452	-4.110	-4.25820	-4.17880	-4.26940	-4.08980	-4.26940	-4.08980	11.88000	8.92000
-4.111	.186	-4.05430	-.01110	-4.01800	-.01180	-4.01800	-.01180	11.88000	8.92000
-3.958	4.276	-4.08750	4.11620	-4.09470	4.02890	-4.09470	4.02890	11.88000	8.92000
-3.665	6.238	-3.82030	6.10380	-3.87200	5.98330	-3.87200	5.98330	11.88000	8.92000
	GRADIENT	.02058	.98899	.02115	.96797	.02115	.96797	-.00000	-.00000

RUN NO. 1710/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.067	-6.293	.13070	-6.23740	-.02840	-6.16410	-.02840	-6.16410	11.88000	8.92000
-.128	-4.289	.06980	-4.23370	-.03590	-4.17440	-.03590	-4.17440	11.88000	8.92000
-.148	-.166	.05020	-.11070	-.00350	-.08470	-.00350	-.08470	11.88000	8.92000
-.065	3.852	.13230	3.90740	.03600	3.90250	.03600	3.90250	11.88000	8.92000
.049	5.747	.24680	5.80260	.09980	5.78490	.09980	5.78490	11.88000	8.92000
	GRADIENT	.00762	.99998	.00883	.99209	.00883	.99209	.00000	.00000

RUN NO. 1709/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.114	-5.663	3.96720	-5.80660	3.75780	-5.86360	3.75780	-5.86360	11.88000	8.92000
3.838	-3.676	3.72080	-3.84430	3.58070	-3.88500	3.58070	-3.88500	11.88000	8.92000
3.948	.190	4.00240	-.00770	3.92350	-.01220	3.92350	-.01220	11.88000	8.92000
3.794	3.983	3.97790	3.89210	3.84820	3.91830	3.84820	3.91830	11.88000	8.92000
4.067	5.942	4.26490	5.88830	4.07360	5.93270	4.07360	5.93270	11.88000	8.92000
	GRADIENT	.03369	1.01005	.03510	1.01879	.03510	1.01879	-.00000	-.00000

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (V8M079) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 0.000

RUN NO. 1712/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.044	-6.082	-7.85820	-6.16670	-7.87890	-5.95810	-7.87890	-5.95810	11.88000	8.92000
-8.351	-3.992	-8.18710	-4.11380	-8.14630	-3.97260	-8.14630	-3.97260	11.88000	8.92000
-8.073	.181	-8.01200	-.01350	-7.92330	-.00790	-7.92330	-.00790	11.88000	8.92000
-7.964	4.294	-8.03030	4.10070	-7.97760	3.97310	-7.97760	3.97310	11.88000	8.92000
-7.723	6.304	-7.82670	6.12810	-7.82500	5.93530	-7.82500	5.93530	11.88000	8.92000
	GRADIENT	.01898	.99139	.02044	.95894	.02044	.95894	-.00000	-.00000

RUN NO. 1713/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-3.968	-6.181	-3.76490	-6.20210	-3.88410	-6.03900	-3.88410	-6.03900	11.88000	8.92000
-4.434	-4.136	-4.23970	-4.19640	-4.27570	-4.07790	-4.27570	-4.07790	11.88000	8.92000
-4.109	.181	-4.04690	-.01300	-4.01560	-.01130	-4.01560	-.01130	11.88000	8.92000
-3.975	4.319	-4.10040	4.15850	-4.13360	4.04090	-4.13360	4.04090	11.88000	8.92000
-3.615	6.286	-3.76710	6.15020	-3.87420	5.98520	-3.87420	5.98520	11.88000	8.92000
	GRADIENT	.01668	.98795	.01712	.96004	.01712	.96004	-.00000	.00000

RUN NO. 1714/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.096	-6.284	.28980	-6.22240	.07420	-6.14200	.07420	-6.14200	11.88000	8.92000
-.009	-4.390	.18510	-4.32970	.04270	-4.26520	.04270	-4.26520	11.88000	8.92000
-.035	-.236	.15950	-.17540	.08900	-.14700	.08900	-.14700	11.88000	8.92000
.042	3.591	.23610	3.65120	.11740	3.64650	.11740	3.64650	11.88000	8.92000
.166	5.671	.36050	5.73140	.16970	5.71000	.16970	5.71000	11.88000	8.92000
	GRADIENT	.00621	.99999	.00939	.99132	.00939	.99132	-.00000	.00000

RUN NO. 1715/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.196	-5.641	4.05370	-5.78680	3.80690	-5.85420	3.80690	-5.85420	11.88000	8.92000
3.909	-3.677	3.79620	-3.84660	3.63070	-3.89730	3.63070	-3.89730	11.88000	8.92000
4.074	.197	4.13450	.00220	4.04040	-.00790	4.04040	-.00790	11.88000	8.92000
3.757	3.956	3.94420	3.87540	3.79470	3.90540	3.79470	3.90540	11.88000	8.92000
3.816	5.849	4.01560	5.81000	3.79700	5.85380	3.79700	5.85380	11.88000	8.92000
	GRADIENT	.01974	1.01157	.02191	1.02214	.02191	1.02214	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M080) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1716/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.026	-6.188	-7.83840	-6.26880	-7.86660	-6.05540	-7.86660	-6.05540	11.88000	8.92000
-8.462	-3.958	-8.29680	-4.07850	-8.25110	-3.93630	-8.25110	-3.93630	11.88000	8.92000
-8.303	.348	-8.24560	.15130	-8.15060	.14940	-8.15060	.14940	11.88000	8.92000
-7.999	4.309	-8.06360	4.11490	-8.01570	3.97890	-8.01570	3.97890	11.88000	8.92000
-7.690	6.318	-7.79290	6.14150	-7.80300	5.93740	-7.80300	5.93740	11.88000	8.92000
	GRADIENT	.02797	.99102	.02840	.95737	.02840	.95737	-.00000	-.00000

RUN NO. 1717/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.176	-6.199	-3.97320	-6.22220	-4.09820	-6.05130	-4.09820	-6.05130	11.88000	8.92000
-4.438	-4.148	-4.24120	-4.20480	-4.28110	-4.08560	-4.28110	-4.08560	11.88000	8.92000
-4.130	.181	-4.06570	-.01270	-4.03550	-.01280	-4.03550	-.01280	11.88000	8.92000
-4.006	4.324	-4.12900	4.16100	-4.17020	4.03980	-4.17020	4.03980	11.88000	8.92000
-3.578	6.292	-3.78900	6.15410	-3.85230	5.98550	-3.85230	5.98550	11.88000	8.92000
	GRADIENT	.01345	.98730	.01342	.95893	.01342	.95893	.00000	.00000

RUN NO. 1718/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.113	-6.279	.30700	-6.21480	.08130	-6.13800	.08130	-6.13800	11.88000	8.92000
.008	-4.412	.20270	-4.34840	.05470	-4.28850	.05470	-4.28850	11.88000	8.92000
-.058	-.144	.13660	-.08110	.06930	-.05560	.06930	-.05560	11.88000	8.92000
.024	3.601	.21860	3.66400	.09830	3.65830	.09830	3.65830	11.88000	8.92000
.169	5.689	.36340	5.75190	.16800	5.73100	.16800	5.73100	11.88000	8.92000
	GRADIENT	.00158	.99995	.00539	.99177	.00539	.99177	-.00000	-.00000

RUN NO. 1719/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.196	-5.615	4.05420	-5.76240	3.79930	-5.83850	3.79930	-5.83850	11.88000	8.92000
3.889	-3.667	3.77640	-3.83700	3.60800	-3.89380	3.60800	-3.89380	11.88000	8.92000
4.060	.196	4.12290	.00150	4.03010	-.00780	4.03010	-.00780	11.88000	8.92000
3.768	3.949	3.95660	3.87060	3.80110	3.90920	3.80110	3.90920	11.88000	8.92000
4.079	5.905	4.27900	5.86350	4.04680	5.92230	4.04680	5.92230	11.88000	8.92000
	GRADIENT	.02398	1.01200	.02576	1.02453	.02576	1.02453	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M081) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1720/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.419	-6.247	-8.23000	-6.33070	-8.26740	-6.09670	-8.26740	-6.09670	11.88000	8.92000
-8.359	-3.961	-8.19060	-4.08080	-8.15360	-3.93720	-8.15360	-3.93720	11.88000	8.92000
-8.324	.355	-8.26430	.15720	-8.17420	.15550	-8.17420	.15550	11.88000	8.92000
-7.985	4.315	-8.04880	4.11880	-8.00460	3.98270	-8.00460	3.98270	11.88000	8.92000
-7.747	6.320	-7.84900	6.14000	-7.86540	5.92830	-7.86540	5.92830	11.88000	8.92000
	GRADIENT	.01662	.99063	.01766	.95683	.01766	.95683	-.00000	.00000

RUN NO. 1721/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.183	-6.219	-3.97740	-6.24110	-4.10880	-6.06680	-4.10880	-6.06680	11.88000	8.92000
-4.405	-4.133	-4.20660	-4.18960	-4.25560	-4.06440	-4.25560	-4.06440	11.88000	8.92000
-4.126	.185	-4.05970	-.01100	-4.03310	-.01160	-4.03310	-.01160	11.88000	8.92000
-3.982	4.310	-4.10500	4.14380	-4.14860	4.02110	-4.14860	4.02110	11.88000	8.92000
-3.599	6.304	-3.75090	6.16330	-3.87240	5.99390	-3.87240	5.99390	11.88000	8.92000
	GRADIENT	.01220	.98686	.01298	.95750	.01298	.95750	.00000	-.00000

RUN NO. 1722/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.121	-6.277	.31650	-6.21130	.09350	-6.13500	.09350	-6.13500	11.88000	8.92000
.028	-4.410	.22360	-4.34440	.07450	-4.28240	.07450	-4.28240	11.88000	8.92000
-.015	-.155	.18170	-.08990	.10900	-.06400	.10900	-.06400	11.88000	8.92000
.069	3.601	.26550	3.66640	.14170	3.66050	.14170	3.66050	11.88000	8.92000
.200	5.683	.39660	5.74850	.20010	5.72650	.20010	5.72650	11.88000	8.92000
	GRADIENT	.00490	.99996	.00838	.99149	.00838	.99149	.00000	-.00000

RUN NO. 1723/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.204	-5.630	4.06170	-5.78020	3.80500	-5.85800	3.80500	-5.85800	11.88000	8.92000
3.894	-3.652	3.78130	-3.82610	3.61160	-3.88490	3.61160	-3.88490	11.88000	8.92000
4.068	.198	4.13350	.00140	4.03810	-.00900	4.03810	-.00900	11.88000	8.92000
3.747	3.954	3.93910	3.87790	3.78160	3.91390	3.78160	3.91390	11.88000	8.92000
4.058	5.906	4.26090	5.86690	4.02940	5.92120	4.02940	5.92120	11.88000	8.92000
	GRADIENT	.02104	1.01275	.02272	1.02522	.02272	1.02522	.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M082) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1724/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.127	-6.146	-7.92600	-6.22970	-7.96410	-6.00400	-7.96410	-6.00400	11.88000	8.92000
-8.431	-3.962	-8.25270	-4.08720	-8.21870	-3.93380	-8.21870	-3.93380	11.88000	8.92000
-8.299	.356	-8.23490	.14800	-8.14900	.14730	-8.14900	.14730	11.88000	8.92000
-7.997	4.324	-8.06420	4.11650	-8.02400	3.97970	-8.02400	3.97970	11.88000	8.92000
-7.766	6.322	-7.87380	6.13300	-7.88550	5.93010	-7.88550	5.93010	11.88000	8.92000
	GRADIENT	.02248	.98996	.02339	.95492	.02339	.95492	-.00000	-.00000

RUN NO. 1725/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.227	-6.196	-4.01040	-6.21730	-4.13200	-6.04490	-4.13200	-6.04490	11.88000	8.92000
-4.421	-4.154	-4.21080	-4.21120	-4.25390	-4.08830	-4.25390	-4.08830	11.88000	8.92000
-4.124	.190	-4.05280	-.01630	-4.02500	-.01230	-4.02500	-.01230	11.88000	8.92000
-4.002	4.336	-4.13180	4.16100	-4.16470	4.04830	-4.16470	4.04830	11.88000	8.92000
-3.593	6.278	-3.75320	6.12920	-3.85830	5.96980	-3.85830	5.96980	11.88000	8.92000
	GRADIENT	.00952	.98507	.01084	.95823	.01084	.95823	-.00000	-.00000

RUN NO. 1726/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.087	-6.291	.29330	-6.22060	.08310	-6.14100	.08310	-6.14100	11.88000	8.92000
.021	-4.409	.22720	-4.33820	.08580	-4.27580	.08580	-4.27580	11.88000	8.92000
.012	-.174	.21850	-.10380	.14720	-.07820	.14720	-.07820	11.88000	8.92000
.074	3.586	.28030	3.65630	.16420	3.64920	.16420	3.64920	11.88000	8.92000
.138	5.683	.34460	5.75300	.16440	5.72760	.16440	5.72760	11.88000	8.92000
	GRADIENT	.00646	.99996	.00990	.99127	.00990	.99127	-.00000	.00000

RUN NO. 1727/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
3.879	-3.613	3.76130	-3.79640	3.59680	-3.85000	3.59680	-3.85000	11.88000	8.92000
3.976	.206	4.04590	.00000	3.95330	-.01050	3.95330	-.01050	11.88000	8.92000
3.792	3.954	3.99460	3.87380	3.84330	3.90890	3.84330	3.90890	11.88000	8.92000
4.034	5.907	4.24810	5.86740	4.02620	5.91870	4.02620	5.91870	11.88000	8.92000
	GRADIENT	.03097	1.01362	.03277	1.02534	.03277	1.02534	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M083) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1788/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.129	-7.959	-8.02340	-8.14200	-8.02540	-8.02060	-8.02540	-8.02060	11.88000	11.25000
-8.101	-3.864	-8.05490	-4.06860	-8.01090	-4.00440	-8.01090	-4.00440	11.88000	11.25000
-8.138	.302	-8.21430	.10660	-8.14890	.10380	-8.14890	.10380	11.88000	11.25000
7.668	4.208	-7.83670	4.08370	-7.79080	4.02290	-7.79080	4.02290	11.88000	11.25000
7.595	8.106	-7.79600	8.04310	-7.78490	7.93160	-7.78490	7.93160	11.88000	11.25000
	GRADIENT	.02631	1.00982	.02660	.99433	.02660	.99433	.00000	.00000

RUN NO. 1789/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.220	-8.010	-4.06390	-8.14980	-4.12080	-8.04790	-4.12080	-8.04790	11.88000	11.25000
-4.136	-3.940	-4.02000	-4.11460	-4.02040	-4.05620	-4.02040	-4.05620	11.88000	11.25000
-3.986	.187	-4.05640	-.01020	-4.02620	-.01050	-4.02620	-.01050	11.88000	11.25000
-3.869	4.168	-4.06980	4.10710	-4.07100	4.04970	-4.07100	4.04970	11.88000	11.25000
-3.789	8.175	-3.99970	8.17180	-4.05240	8.07300	-4.05240	8.07300	11.88000	11.25000
	GRADIENT	-.00616	1.01385	-.00621	.99957	-.00621	.99957	.00000	-.00000

RUN NO. 1790/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.066	-8.128	.13030	-8.20250	.00350	-8.13600	.00350	-8.13600	11.88000	11.25000
-.182	-4.270	.01400	-4.34570	-.05190	-4.29610	-.05190	-4.29610	11.88000	11.25000
-.187	-.042	.00930	-.11530	-.03160	-.08700	-.03160	-.08700	11.88000	11.25000
-.136	3.798	.05990	3.72180	-.00320	3.73100	-.00320	3.73100	11.88000	11.25000
-.044	7.829	.15210	7.75170	.02900	7.74350	.02900	7.74350	11.88000	11.25000
	GRADIENT	.00558	.99994	.00602	.99493	.00602	.99493	-.00000	.00000

RUN NO. 1791/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.492	-7.720	4.28180	-7.73690	4.08950	-7.79440	4.08950	-7.79440	11.88000	11.25000
4.174	-3.822	3.98030	-3.90460	3.88940	-3.93880	3.88940	-3.93880	11.88000	11.25000
4.130	.194	4.05680	-.00240	4.01040	-.00430	4.01040	-.00430	11.88000	11.25000
3.831	4.106	3.91980	3.91420	3.84040	3.94000	3.84040	3.94000	11.88000	11.25000
3.876	7.963	4.02510	7.81580	3.86390	7.85800	3.86390	7.85800	11.88000	11.25000
	GRADIENT	-.00764	.98615	-.00602	.99372	-.00602	.99372	-.00000	-.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M083) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1792/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
8.217	-7.807	8.01970	-7.87980	7.78910	-8.00540	7.78910	-8.00540	11.88000	11.25000
8.180	-3.768	8.02010	-3.90450	7.89470	-3.97180	7.89470	-3.97180	11.88000	11.25000
7.798	.157	7.72390	-.03930	7.64130	-.04410	7.64130	-.04410	11.88000	11.25000
8.110	4.127	8.13610	3.91800	8.01840	3.97070	8.01840	3.97070	11.88000	11.25000
7.914	7.991	8.01050	7.80400	7.80950	7.90710	7.80950	7.90710	11.88000	11.25000
	GRADIENT	.01486	.99093	.01582	1.00613	.01582	1.00613	.00000	-.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1793/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.254	-5.972	-8.08330	-6.08980	-8.06640	-5.96600	-8.06640	-5.96600	11.88000	11.25000
-8.375	-3.879	-8.23120	-4.02850	-8.18300	-3.94430	-8.18300	-3.94430	11.88000	11.25000
-8.271	.356	-8.23790	.15050	-8.16050	.14930	-8.16050	.14930	11.88000	11.25000
-8.003	4.260	-8.08480	4.06930	-8.03060	3.99270	-8.03060	3.99270	11.88000	11.25000
-7.764	8.239	-7.88160	6.06790	-7.85310	5.95290	-7.85310	5.95290	11.88000	11.25000
	GRADIENT	.01771	.99484	.01854	.97507	.01854	.97507	-.00000	-.00000

RUN NO. 1794/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.270	-6.118	-4.07010	-6.17440	-4.11680	-6.07230	-4.11680	-6.07230	11.88000	11.25000
-4.328	-3.968	-4.14080	-4.05810	-4.14900	-3.98540	-4.14900	-3.98540	11.88000	11.25000
-4.146	.198	-4.10760	-.00630	-4.07540	-.00550	-4.07540	-.00550	11.88000	11.25000
-3.923	4.259	-4.06530	4.10750	-4.07320	4.03680	-4.07320	4.03680	11.88000	11.25000
-3.635	6.217	-3.80210	6.09390	-3.84740	5.99760	-3.84740	5.99760	11.88000	11.25000
	GRADIENT	.00917	.99248	.00925	.97505	.00925	.97505	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1795/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.087	-6.223	.11730	-6.18460	-.01370	-6.11990	-.01370	-6.11990	11.88000	11.25000
-.167	-4.392	.03750	-4.35370	-.05470	-4.29860	-.05470	-4.29860	11.88000	11.25000
-.179	-.301	.02540	-.26250	-.02920	-.23290	-.02920	-.23290	11.88000	11.25000
-.117	3.646	.08750	3.68390	.00390	3.68850	.00390	3.68850	11.88000	11.25000
-.009	5.709	.19490	5.74750	.07160	5.74200	.07160	5.74200	11.88000	11.25000
	GRADIENT	.00616	1.00000	.00728	.99372	.00728	.99372	-.00000	-.00000

RUN NO. 1796/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.180	-5.691	4.02160	-5.82530	3.83320	-5.88130	3.83320	-5.88130	11.88000	11.25000
3.888	-3.685	3.75780	-3.84640	3.63030	-3.88760	3.63030	-3.88760	11.88000	11.25000
4.047	.204	4.08470	-.00030	4.01410	-.00450	4.01410	-.00450	11.88000	11.25000
3.769	4.003	3.94540	3.89460	3.83040	3.92300	3.83040	3.92300	11.88000	11.25000
4.011	5.985	4.20510	5.91260	4.04490	5.95240	4.04490	5.95240	11.88000	11.25000
	GRADIENT	.02463	1.00681	.02631	1.01587	.02631	1.01587	-.00000	-.00000

RUN NO. 1797/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.147	-5.673	6.01850	-5.83520	5.82600	-5.90890	5.82600	-5.90890	11.88000	11.25000
6.047	-3.712	5.95450	-3.89790	5.81230	-3.95230	5.81230	-3.95230	11.88000	11.25000
5.998	.214	6.03610	.00940	5.93870	-.00350	5.93870	-.00350	11.88000	11.25000
5.599	4.007	5.75220	3.86720	5.62640	3.89730	5.62640	3.89730	11.88000	11.25000
5.850	3.968	6.02930	5.86270	5.86100	5.91320	5.86100	5.91320	11.88000	11.25000
	GRADIENT	-.02594	1.00595	-.02376	1.01690	-.02376	1.01690	-.00000	-.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M085) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1798/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.369	-6.030	-8.19040	-6.13390	-8.17170	-5.99040	-8.17170	-5.99040	11.88000	11.25000
-8.340	-3.919	-8.18380	-4.05510	-8.13130	-3.95860	-8.13130	-3.95860	11.88000	11.25000
-8.288	.315	-8.24000	.11360	-8.15400	.11520	-8.15400	.11520	11.88000	11.25000
-7.928	4.250	-7.99970	4.05620	-7.93610	3.97320	-7.93610	3.97320	11.88000	11.25000
-7.806	6.238	-7.91430	6.06200	-7.87390	5.93720	-7.87390	5.93720	11.88000	11.25000
	GRADIENT	.02208	.99277	.02352	.97079	.02352	.97079	-.00000	-.00000

RUN NO. 1799/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.211	-6.115	-4.00860	-6.15480	-4.06600	-6.03900	-4.06600	-6.03900	11.88000	11.25000
-4.438	-4.086	-4.24550	-4.16050	-4.25600	-4.07610	-4.25600	-4.07610	11.88000	11.25000
-4.147	.189	-4.09440	-.01090	-4.05810	-.01020	-4.05810	-.01020	11.88000	11.25000
-3.981	4.287	-4.11250	4.12830	-4.11940	4.04680	-4.11940	4.04680	11.88000	11.25000
-3.657	6.236	-3.81640	6.10370	-3.86570	5.99200	-3.86570	5.99200	11.88000	11.25000
	GRADIENT	.01602	.98976	.01653	.96995	.01653	.96995	.00000	.00000

RUN NO. 1800/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.064	-6.244	.13600	-6.19190	-.01950	-6.12490	-.01950	-6.12490	11.88000	11.25000
-.152	-4.404	.04810	-4.35200	-.06050	-4.29510	-.06050	-4.29510	11.88000	11.25000
-.183	-.111	.01660	-.05880	-.04150	-.03110	-.04150	-.03110	11.88000	11.25000
-.116	3.620	.08390	3.67070	-.01240	3.67230	-.01240	3.67230	11.88000	11.25000
-.014	5.700	.18640	5.75100	.04190	5.74090	.04190	5.74090	11.88000	11.25000
	GRADIENT	.00415	.99993	.00596	.99304	.00596	.99304	.00000	.00000

RUN NO. 1801/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.166	-5.675	4.01670	-5.81800	3.81520	-5.87230	3.81520	-5.87230	11.88000	11.25000
4.123	-3.709	4.00800	-3.88030	3.86600	-3.92340	3.86600	-3.92340	11.88000	11.25000
4.062	.201	4.11350	.00040	4.03440	-.00420	4.03440	-.00420	11.88000	11.25000
3.760	3.977	3.94380	3.88230	3.81750	3.91110	3.81750	3.91110	11.88000	11.25000
4.024	5.974	4.22270	5.91660	4.04430	5.95740	4.04430	5.95740	11.88000	11.25000
	GRADIENT	-.00815	1.00987	-.00602	1.01922	-.00602	1.01922	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M088) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1802/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.296	-6.001	-8.11530	-6.09820	-8.09890	-5.94720	-8.09890	-5.94720	11.88000	11.25000
-8.353	-3.928	-8.19480	-4.05900	-8.14310	-3.95370	-8.14310	-3.95370	11.88000	11.25000
-8.303	.333	-8.25170	.13380	-8.16180	.13470	-8.16180	.13470	11.88000	11.25000
-8.005	4.279	-8.07300	4.08550	-8.00640	3.99630	-8.00640	3.99630	11.88000	11.25000
-7.775	6.237	-7.88050	6.06060	-7.84330	5.92850	-7.84330	5.92850	11.88000	11.25000
	GRADIENT	.01447	.99228	.01638	.96857	.01638	.96857	-.00000	-.00000

RUN NO. 1803/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.233	-6.157	-4.03040	-6.19120	-4.09170	-6.06640	-4.09170	-6.06640	11.88000	11.25000
-4.407	-4.087	-4.21350	-4.15550	-4.22570	-4.06620	-4.22570	-4.06620	11.88000	11.25000
-4.122	.186	-4.06520	-.01170	-4.02820	-.01060	-4.02820	-.01060	11.88000	11.25000
-3.963	4.263	-4.09170	4.10300	-4.09840	4.01560	-4.09840	4.01560	11.88000	11.25000
-3.657	6.258	-3.81300	6.12420	-3.86580	6.00480	-3.86580	6.00480	11.88000	11.25000
	GRADIENT	.01475	.98891	.01549	.96775	.01549	.96775	.00000	-.00000

RUN NO. 1804/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.003	-6.253	.19490	-6.19700	.03020	-6.12590	.03020	-6.12590	11.88000	11.25000
-.077	-4.405	.12070	-4.34970	.00680	-4.29000	.00680	-4.29000	11.88000	11.25000
-.130	-.135	.06780	-.07990	.01400	-.05290	.01400	-.05290	11.88000	11.25000
-.050	3.616	.14760	3.67110	.05430	3.66860	.05430	3.66860	11.88000	11.25000
.034	5.698	.23230	5.75300	.08720	5.73760	.08720	5.73760	11.88000	11.25000
	GRADIENT	.00299	.99999	.00582	.99223	.00582	.99223	-.00000	.00000

RUN NO. 1805/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.170	-5.661	4.02420	-5.80500	3.81130	-5.86320	3.81130	-5.86320	11.88000	11.25000
3.873	-3.675	3.75590	-3.84380	3.61330	-3.88570	3.61330	-3.88570	11.88000	11.25000
4.062	.195	4.11690	-.00290	4.03620	-.00760	4.03620	-.00760	11.88000	11.25000
3.743	3.969	3.92790	3.87970	3.79800	3.90600	3.79800	3.90600	11.88000	11.25000
4.058	5.961	4.25660	5.90850	4.06610	5.95260	4.06610	5.95260	11.88000	11.25000
	GRADIENT	.02280	1.01031	.02452	1.01924	.02452	1.01924	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M087) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1806/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.321	-6.097	-8.13690	-6.18480	-8.15320	-5.97330	-8.15320	-5.97330	11.88000	11.25000
-8.347	-3.964	-8.18440	-4.08640	-8.14270	-3.94550	-8.14270	-3.94550	11.88000	11.25000
-8.327	.330	-8.27120	.13350	-8.17800	.13610	-8.17800	.13610	11.88000	11.25000
-8.030	4.294	-8.09500	4.10070	-8.03990	3.97510	-8.03990	3.97510	11.88000	11.25000
-7.708	6.307	-7.81160	6.13170	-7.81050	5.94040	-7.81050	5.94040	11.88000	11.25000
	GRADIENT	.01040	.99133	.01216	.95906	.01216	.95906	-.00000	-.00000

RUN NO. 1807/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.185	-6.187	-3.98310	-6.21390	-4.09770	-6.04640	-4.09770	-6.04640	11.88000	11.25000
-4.454	-4.130	-4.25990	-4.19080	-4.29600	-4.06990	-4.29600	-4.06990	11.88000	11.25000
-4.130	.180	-4.06790	-.01400	-4.03560	-.01080	-4.03560	-.01080	11.88000	11.25000
-3.976	4.297	-4.10080	4.13570	-4.13230	4.02090	-4.13230	4.02090	11.88000	11.25000
-3.623	6.284	-3.77420	6.14820	-3.88070	5.98450	-3.88070	5.98450	11.88000	11.25000
	GRADIENT	.01903	.98793	.01975	.95996	.01975	.95996	.00000	.00000

RUN NO. 1808/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.101	-6.281	.29530	-6.21930	.07830	-6.13800	.07830	-6.13800	11.88000	11.25000
.026	-4.399	.22020	-4.33830	.07120	-4.27330	.07120	-4.27330	11.88000	11.25000
-.014	-.156	.18080	-.09510	.11030	-.06680	.11030	-.06680	11.88000	11.25000
.062	3.603	.25650	3.66350	.13790	3.65990	.13790	3.65990	11.88000	11.25000
.172	5.686	.36610	5.74670	.17670	5.72660	.17670	5.72660	11.88000	11.25000
	GRADIENT	.00424	.99996	.00835	.99139	.00835	.99139	-.00000	-.00000

RUN NO. 1809/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.190	-5.639	4.04720	-5.78430	3.80120	-5.85030	3.80120	-5.85030	11.88000	11.25000
3.873	-3.641	3.75920	-3.80990	3.59560	-3.85890	3.59560	-3.85890	11.88000	11.25000
4.055	.200	4.11580	.00540	4.02230	-.00450	4.02230	-.00450	11.88000	11.25000
3.757	3.963	3.94510	3.88390	3.79520	3.91390	3.79520	3.91390	11.88000	11.25000
4.078	5.923	4.27720	5.88000	4.05500	5.92800	4.05500	5.92800	11.88000	11.25000
	GRADIENT	.02468	1.01175	.02654	1.02214	.02654	1.02214	-.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (V8M088) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1810/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-8.216	-6.066	-8.02970	-6.15040	-8.04850	-5.93930	-8.04850	-5.93930	11.88000	11.25000
-8.376	-3.983	-8.21020	-4.10310	-8.16760	-3.95860	-8.16760	-3.95880	11.88000	11.25000
-8.003	4.302	-8.06740	4.10750	-8.01810	3.97400	-8.01810	3.97400	11.88000	11.25000
-7.745	6.329	-7.84720	6.15210	-7.85630	5.94780	-7.85630	5.94780	11.88000	11.25000
	GRADIENT	.01724	.99103	.01804	.95750	.01804	.95750	.00000	.00000

RUN NO. 1811/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-4.191	-6.199	-3.98770	-6.22230	-4.10980	-6.05280	-4.10980	-6.05280	11.88000	11.25000
-4.439	-4.139	-4.24330	-4.19660	-4.28230	-4.07680	-4.28230	-4.07680	11.88000	11.25000
-4.146	.185	-4.08220	-.00960	-4.05140	-.00850	-4.05140	-.00850	11.88000	11.25000
-4.002	4.315	-4.12380	4.15090	-4.16640	4.03120	-4.16640	4.03120	11.88000	11.25000
-3.581	6.304	-3.73170	6.16590	-3.85290	5.99960	-3.85290	5.99960	11.88000	11.25000
	GRADIENT	.01432	.98725	.01402	.95893	.01402	.95893	.00000	.00000

RUN NO. 1812/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.124	-6.274	.31800	-6.20990	.09370	-6.13300	.09370	-6.13300	11.88000	11.25000
.026	-4.391	.22000	-4.32810	.07360	-4.26820	.07360	-4.26820	11.88000	11.25000
-.033	-.165	.16100	-.10220	.09350	-.07590	.09350	-.07590	11.88000	11.25000
.047	3.598	.24120	3.66090	.12090	3.65720	.12090	3.65720	11.88000	11.25000
.143	5.690	.33750	5.75280	.14450	5.73210	.14450	5.73210	11.88000	11.25000
	GRADIENT	.00231	.99999	.00590	.99203	.00590	.99203	.00000	-.00000

RUN NO. 1813/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
4.210	-5.637	4.06770	-5.78380	3.81340	-5.85890	3.81340	-5.85890	11.88000	11.25000
3.898	-3.651	3.78530	-3.82130	3.61820	-3.87640	3.61820	-3.87640	11.88000	11.25000
4.051	.198	4.11380	.00320	4.02240	-.00620	4.02240	-.00620	11.88000	11.25000
3.758	3.948	3.94670	3.87040	3.79370	3.90760	3.79370	3.90760	11.88000	11.25000
4.083	5.916	4.28340	5.87500	4.05540	5.93170	4.05540	5.93170	11.88000	11.25000
	GRADIENT	.02152	1.01209	.02345	1.02424	.02345	1.02424	-.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M089) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1957/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.983	-89.944	.17230	6.28620	.02140	6.21340	.02140	6.21340	7.82000	-2.29960
-5.991	.021	-9.10960	-.00640	-9.00920	-.00230	-9.00920	-.00230	7.82000	-2.29960
-5.998	90.006	.02060	-6.30510	-.13230	-6.22850	-.13230	-6.22850	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1958/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.001	-89.999	.03590	.26190	-.01950	.23110	-.01950	.23110	7.82000	-2.29960
-.005	.007	-1.30840	-.00010	-1.30650	.00000	-1.30650	.00000	7.82000	-2.29960
.009	90.019	-.06780	-.25000	-.11660	-.22100	-.11660	-.22100	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1959/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
5.991	-89.972	.13370	-5.77560	-.02640	-5.76180	-.02640	-5.76180	7.82000	-2.29960
6.011	.010	6.39610	.00620	6.29330	.00100	6.29330	.00100	7.82000	-2.29960
6.007	90.019	.19600	5.79190	.04490	5.77720	.04490	5.77720	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1960/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.996	-89.917	.10080	6.30140	-.04700	6.22640	-.04700	6.22640	7.82000	-2.29960
-5.992	.015	-9.15250	-.01060	-9.05060	-.00160	-9.05060	-.00160	7.82000	-2.29960
-6.000	90.006	.09820	-6.30700	-.06120	-6.23050	-.06120	-6.23050	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1961/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.001	-90.013	.07510	.25970	.01720	.22900	.01720	.22900	7.82000	-2.29960
.001	.006	-1.30410	.00320	-1.30320	.00000	-1.30320	.00000	7.82000	-2.29960
.010	90.019	-.11020	-.24920	-.15570	-.22010	-.15570	-.22010	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M091) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1948/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-6.001	-89.972	.28820	6.32380	.07100	6.23150	.07100	6.23150	7.82000	-2.29960
-6.014	-.281	-9.81140	.02350	-9.69550	.03060	-9.69550	.03060	7.82000	-2.29960
-5.998	90.073	.25460	-6.31670	.01760	-6.22840	.01760	-6.22840	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1949/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.001	-89.999	.15980	.26860	.08620	.23150	.08620	.23150	7.82000	-2.29960
-.003	-.014	-1.39260	.00400	-1.39930	.00010	-1.39930	.00010	7.82000	-2.29960
.010	90.046	.04810	-.25360	-.01800	-.22010	-.01800	-.22010	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1950/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.000	-89.985	.43650	-5.78340	.21250	-5.77060	.21250	-5.77060	7.82000	-2.29960
5.998	-.018	6.56260	.00200	6.44250	-.00180	6.44250	-.00180	7.82000	-2.29960
6.006	90.019	.13900	5.80310	-.05250	5.77610	-.05250	5.77610	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M092) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1951/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-6.002	-89.972	.29880	6.32430	.07130	6.23250	.07130	6.23250	7.82000	-2.29960
-6.005	-.017	-9.81370	-.00350	-9.69620	.00180	-9.69620	.00180	7.82000	-2.29960
-6.002	90.033	.24050	-6.32050	.00640	-6.23250	.00640	-6.23250	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1952/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.004	-90.013	.23200	.26700	.15470	.23410	.15470	.23410	7.82000	-2.29960
.014	90.033	-.02100	-.24540	.08260	-.21570	-.08260	-.21570	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1953/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
5.996	-89.985	.38470	-5.78020	.16100	-5.76620	.16100	-5.76620	7.82000	-2.29960
6.008	.011	6.60860	.00760	6.48750	.00110	6.48750	.00110	7.82000	-2.29960
6.036	89.979	.19590	5.83110	.00080	5.80690	.00080	5.80690	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1954/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.998	-89.985	.39740	6.31120	.16610	6.22850	.16610	6.22850	7.82000	-2.29960
-5.997	.006	-9.70590	-.00110	-9.59040	-.00060	-9.59040	-.00060	7.82000	-2.29960
-5.999	90.033	.17960	-6.31300	-.04790	-6.22950	-.04790	-6.22950	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (V8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1955/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.004	-90.027	.19370	.26470	.11940	.23370	.11940	.23370	7.82000	-2.29960
-.001	.006	-1.28930	.00190	-1.30150	.00000	-1.30150	.00000	7.82000	-2.29960
.011	90.046	.02140	-.24750	-.04230	-.21900	-.04230	-.21900	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1956/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.000	-89.972	.31610	-5.78600	.09670	-5.77060	.09670	-5.77060	7.82000	-2.29960
5.993	-.004	6.59060	.00640	6.47060	-.00040	6.47060	-.00040	7.82000	-2.29960
5.996	90.019	.27930	5.78730	.07980	5.76620	.07980	5.76620	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (V8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1945/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.963	-89.972	.18220	6.28650	.02770	6.19330	.02770	6.19330	7.82000	-2.29960
-6.005	.077	-9.99580	-.01450	-9.88460	-.00840	-9.88460	-.00840	7.82000	-2.29960
-5.991	90.033	.17200	-6.30990	-.01790	-6.22140	-.01790	-6.22140	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1946/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
.004	-90.040	.17140	.26070	.11400	.22600	.11400	.22600	7.82000	-2.29960
-.006	-.014	-1.37120	.00180	-1.36880	.00010	-1.36880	.00010	7.82000	-2.29960
-.188	90.019	.02570	-.45350	-.02680	-.41830	-.02680	-.41830	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1947/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.003	-89.972	.37060	-5.79250	.18560	-5.77390	.18560	-5.77390	7.82000	-2.29960
6.002	.072	6.68200	.01360	6.56850	.00720	6.56850	.00720	7.82000	-2.29960
5.996	90.019	.04210	5.79670	-.09780	5.76620	-.09780	5.76620	7.82000	-2.29960
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M095) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 1.000

RUN NO. 2018/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.984	-89.994	.14530	6.27990	.02440	6.21420	.02440	6.21420	9.90000	11.25000
-6.007	.019	-8.71010	-.00260	-8.62550	-.00210	-8.62550	-.00210	9.90000	11.25000
-6.006	90.011	.12600	-6.30450	-.00480	-6.23630	-.00480	-6.23630	9.90000	11.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2019/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.001	-90.007	.08660	.25890	.02880	.23050	.02880	.23050	9.90000	11.25000
-.001	.038	-1.23110	.00150	-1.23340	-.00020	-1.23340	-.00020	9.90000	11.25000
-.187	90.159	.00770	-.44780	-.04450	-.41660	-.04450	-.41660	9.90000	11.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2020/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.012	-89.980	.28720	-5.78790	.14720	-5.78290	.14720	-5.78290	9.90000	11.25000
5.977	.014	6.25250	.00370	6.15260	.00140	6.15260	.00140	9.90000	11.25000
6.008	90.025	.08350	5.78540	-.03730	5.77850	-.03730	5.77850	9.90000	11.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M096) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2021/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.997	-89.966	.21730	6.28960	.08810	6.22730	.08810	6.22730	9.90000	11.25000
-5.999	.008	-.62200	.00630	-8.54150	-.00090	-8.54150	-.00090	9.90000	11.25000
-6.007	90.025	.04350	-6.30570	-.07630	-6.23730	-.07630	-6.23730	9.90000	11.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2022/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.004	-89.994	.10380	.26180	.04480	.23440	.04480	.23440	9.90000	11.25000
.006	.020	-1.19730	-.00031	-1.20010	-.00010	-1.20010	-.00010	9.90000	11.25000
-.004	90.173	-.00180	-.26510	-.05470	-.23460	-.05470	-.23460	9.90000	11.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2023/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.014	-89.994	.16190	-5.79100	.02700	-5.78400	.02700	-5.78400	9.90000	11.25000
5.973	-.012	6.23360	.00250	6.13550	-.00120	6.13550	-.00120	9.90000	11.25000
5.998	90.038	.22600	5.77320	.09400	5.76860	.09400	5.76860	9.90000	11.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2024/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.989	-89.966	.28860	6.29150	.13080	6.21920	.13080	6.21920	9.90000	11.25000
-6.014	-.197	-9.05500	.02310	-8.95630	.02140	-8.95630	.02140	9.90000	11.25000
-6.000	90.025	.10920	-6.30770	-.03990	-6.23030	-.03990	-6.23030	9.90000	11.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M097) (09 MAY 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1230.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300				

PARAMETRIC DATA

MACH =	.950	RN/L =	3.500
IB-ELV =	10.000	OB-ELV =	11.000
HEIGHT =	3.000		

RUN NO. 2025/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.002	-89.994	.14560	.26210	.08520	.23220	.08520	.23220	9.90000	11.25000
-.008	.001	-1.21830	.00030	-1.21880	.00000	-1.21880	.00000	9.90000	11.25000
-.009	90.213	.04240	-.26880	-.01090	-.23940	-.01090	-.23940	9.90000	11.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2026/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
5.996	-90.007	.24950	-5.78020	.08650	-5.76640	.08650	-5.76640	9.90000	11.25000
5.987	-.011	6.49200	.00080	6.38490	-.00110	6.38490	-.00110	9.90000	11.25000
6.006	90.025	.30570	5.78950	.14780	5.77630	.14780	5.77630	9.90000	11.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (V8M098) (09 MAY 80)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1290.3000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1290.3000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300				

PARAMETRIC DATA

MACH =	1.400	RN/L =	3.500
IB-ELV =	12.000	OB-ELV =	5.000
HEIGHT =	1.000		

RUN NO. 1869/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.994	-100.027	1.97460	6.18820	1.77900	6.12900	1.77900	6.12900	11.88000	5.00000
-5.973	-89.985	.30840	6.29470	.14980	6.20330	.14980	6.20330	11.88000	5.00000
-6.005	-60.074	-4.69230	5.54300	-4.72140	5.40150	-4.72140	5.40150	11.88000	5.00000
-6.003	-30.094	-8.45890	3.22620	-8.38690	3.12100	-8.38690	3.12100	11.88000	5.00000
-6.003	-.006	-9.92250	-.00790	-9.81260	.00070	-9.81260	.00070	11.88000	5.00000
-6.005	30.045	-8.54060	-3.24080	-8.47980	-3.11730	-8.47980	-3.11730	11.88000	5.00000
-6.006	59.943	-4.81610	-5.55490	-4.87470	-5.39520	-4.87470	-5.39520	11.88000	5.00000
-5.992	90.033	.21650	-6.30870	.02120	-6.22240	.02120	-6.22240	11.88000	5.00000
-6.071	120.095	1.96050	-6.24790	1.72720	-6.20380	1.72720	-6.20380	11.88000	5.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (V8M099) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 2.000

RUN NO. 1874/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.978	-99.959	1.95920	6.17250	1.76370	6.11450	1.76370	6.11450	11.88000	5.00000
-6.002	-90.027	.32090	6.32340	.15770	6.23250	.15770	6.23250	11.88000	5.00000
-5.998	-60.179	-4.66880	5.54160	-4.69940	5.40110	-4.69940	5.40110	11.88000	5.00000
-6.010	-30.064	-8.46250	3.22410	-8.39140	3.12350	-8.39140	3.12350	11.88000	5.00000
-6.008	-.029	-9.90670	-.00470	-9.79890	.00320	-9.79890	.00320	11.88000	5.00000
-6.000	30.009	-8.54840	-3.22830	-8.48470	-3.11150	-8.48470	-3.11150	11.88000	5.00000
-6.005	59.929	-4.82050	-5.55010	-4.87490	-5.39350	-4.87490	-5.39350	11.88000	5.00000
-5.991	90.100	.21460	-6.30860	.02200	-6.22140	.02200	-6.22140	11.88000	5.00000
-5.994	99.929	1.90500	-6.17670	1.67870	-6.13080	1.67870	-6.13080	11.88000	5.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1870/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.002	-99.795	.54790	.26410	.47460	.22880	.47460	.22880	11.88000	5.00000
.006	-89.732	.29430	.25910	.23220	.22420	.23220	.22420	11.88000	5.00000
-.001	-59.810	-.43350	.23050	-.46670	.19980	-.46670	.19980	11.88000	5.00000
-.001	-30.014	-1.00310	.13500	-1.01470	.11530	-1.01470	.11530	11.88000	5.00000
-.003	-.026	-1.26550	.00460	-1.26720	.00010	-1.26720	.00010	11.88000	5.00000
-.003	30.009	-1.14230	-.12760	-1.14750	-.11660	-1.14750	-.11660	11.88000	5.00000
-.000	60.043	-.67920	-.22350	-.70170	-.19940	-.70170	-.19940	11.88000	5.00000
-.002	90.006	.02490	-.26210	-.02580	-.23180	-.02580	-.23180	11.88000	5.00000
.003	99.967	.29320	-.25320	.23070	-.22350	.23070	-.22350	11.88000	5.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1875/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.006	-100.000	-.77980	-5.73140	-.95710	-5.68800	-.95710	-5.68800	11.88000	5.00000
5.999	-90.123	.41780	-5.78610	.22360	-5.76950	.22360	-5.76950	11.88000	5.00000
6.010	-60.179	3.67660	-4.96070	3.48500	-5.01290	3.48500	-5.01290	11.88000	5.00000
6.008	-30.112	5.97900	-2.83570	5.83750	-2.89520	5.83750	-2.89520	11.88000	5.00000
5.996	-.186	6.74550	-.00660	6.63040	-.01870	6.63040	-.01870	11.88000	5.00000
5.989	30.038	5.88010	2.84470	5.74740	2.87940	5.74740	2.87940	11.88000	5.00000
5.999	60.029	3.53310	4.96820	3.37350	4.99590	3.37350	4.99590	11.88000	5.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

1A105A, AEDC PWT-TF470, O T S WO/SILTS (V8M100) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 3.000

RUN NO. 1873/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-5.977	-99.945	2.00500	6.17010	1.80910	6.11370	1.80910	6.11370	11.88000	5.00000
-6.002	-90.027	.36590	6.32070	.20410	6.23250	.20410	6.23250	11.88000	5.00000
-5.998	-60.186	-4.57100	5.54160	-4.60720	5.40140	-4.60720	5.40140	11.88000	5.00000
-6.014	-30.087	-8.37080	3.23300	-8.30450	3.12580	-8.30450	3.12580	11.88000	5.00000
-6.004	-.057	-9.84610	.00340	-9.73970	.00620	-9.73970	.00620	11.88000	5.00000
-6.003	29.994	-8.54120	-3.22780	-8.47830	-3.11160	-8.47830	-3.11160	11.88000	5.00000
-5.998	59.972	-4.82360	-5.54420	-4.87660	-5.38980	-4.87660	-5.38980	11.88000	5.00000
-5.999	90.087	.13410	-6.31800	-.05120	-6.22950	-.05120	-6.22950	11.88000	5.00000
-5.999	99.942	1.79230	-6.18490	1.57190	-6.13560	1.57190	-6.13560	11.88000	5.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1872/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
-.000	-99.809	.52500	.26080	.45190	.22690	.45190	.22690	11.88000	5.00000
-.004	-89.779	.27340	.26870	.21200	.23440	.21200	.23440	11.88000	5.00000
.001	-59.845	-.44260	.22740	-.47460	.19800	-.47460	.19800	11.88000	5.00000
.001	-30.007	-.99270	.13160	-1.00310	.11450	-1.00310	.11450	11.88000	5.00000
-.000	.018	-1.23420	.00200	-1.23580	-.00010	-1.23580	-.00010	11.88000	5.00000
-.001	30.038	-1.09530	-.12890	-1.10330	-.11560	-1.10330	-.11560	11.88000	5.00000
-.000	60.058	-.61660	-.22480	-.64320	-.19950	-.64320	-.19950	11.88000	5.00000
-.000	90.006	.07470	-.25930	.02020	-.23020	.02020	-.23020	11.88000	5.00000
.003	99.916	.33520	-.25140	.26990	-.22350	.26990	-.22350	11.88000	5.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1871/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	ALFAOU	BETAOU	ALFETU	BETETU	ALFASU	BETASU	DEINLR	DEONLR
6.003	-100.000	-.87100	-5.73130	-1.04160	-5.68590	-1.04160	-5.68590	11.88000	5.00000
5.997	-90.013	.37250	-5.78580	.18230	-5.76730	.18230	-5.76730	11.88000	5.00000
6.006	-60.179	3.63870	-4.95740	3.44760	-5.00910	3.44760	-5.00910	11.88000	5.00000
6.007	-30.139	5.95910	-2.83140	5.81650	-2.89710	5.81650	-2.89710	11.88000	5.00000
6.006	-.089	6.75750	.00730	6.64400	-.00900	6.64400	-.00900	11.88000	5.00000
5.998	30.016	5.90830	2.84720	5.77590	2.88190	5.77590	2.88190	11.88000	5.00000
6.001	59.957	3.58920	4.96410	3.42540	4.99420	3.42540	4.99420	11.88000	5.00000
5.996	89.938	.26600	5.79450	.11280	5.76620	.11280	5.76620	11.88000	5.00000
5.998	99.891	-.97090	5.73160	-1.10460	5.68240	-1.10460	5.68240	11.88000	5.00000
	GRADIENT	.00000	00000	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1770/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.335	-6.107	.02950	.04920	-.01690	-.02860	1491.96240	659.05440	-.59360
-8.407	-3.968	.02730	.04500	-.01580	-.02610	1488.69380	660.93260	-.58340
-8.312	.383	.02610	.04310	-.01500	-.01860	1475.10910	770.44920	-.56410
-8.048	4.365	.02730	.04480	-.01580	-.00990	1489.35789	665.43530	-.55640
-7.669	6.335	.02870	.04730	-.01650	-.00710	1492.94431	661.65110	-.53440
	GRADIENT	-.00000	-.00003	.00000	.00194	.03025	.92075	.00326

RUN NO. 1771/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.251	-6.190	.02840	.04710	-.01630	-.02390	1491.59669	658.12890	-.28970
-4.506	-4.154	.02710	.04450	-.01570	-.02220	1488.85350	659.99100	-.30190
-4.126	.235	.02580	.04280	-.01480	-.01700	1527.90649	535.95460	-.24290
-4.009	4.338	.02710	.04450	-.01570	-.00720	1488.86890	665.36010	-.24890
-3.613	6.313	.02800	.04630	-.01610	-.00480	1492.73540	661.75200	-.23830
	GRADIENT	-.00000	-.00000	.00000	.00176	.10504	.29698	.00632

RUN NO. 1772/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.196	-6.340	.02720	.04550	-.01560	-.02090	1490.61790	657.62330	-.03130
-.280	-4.441	.02610	.04310	-.01510	-.01890	1486.81320	659.45410	-.02890
-.281	-.171	.02530	.04180	-.01460	-.01630	1497.10910	645.22070	-.01290
-.250	3.566	.02560	.04230	-.01480	-.00750	1484.55420	663.89530	-.01560
-.185	5.665	.02680	.04430	-.01540	-.00470	1490.84831	662.26540	-.00990
	GRADIENT	-.00007	-.00010	.00004	.00140	-.21850	.46279	.00171

RUN NO. 1773/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.215	-5.620	.02630	.04350	-.01520	-.01740	1488.33591	659.56570	.25650
3.927	-3.617	.02560	.04210	-.01480	-.01540	1483.03760	656.42820	.25260
3.984	.250	.02510	.04140	-.01460	-.01120	1393.91870	459.06470	.25100
3.690	3.971	.02560	.04240	-.01480	-.00690	1486.55490	667.14970	.24010
4.001	5.946	.02760	.04550	-.01590	-.00130	1491.48441	664.47630	.26160
	GRADIENT	-.00000	.00004	.00000	.00152	.31061	1.07180	-.00164

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M002) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
iB-ELV = 8.000 OB-ELV = -7.000

RUN NO. 1774/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.459	-6.025	.02800	.04650	-.01610	-.02760	1490.80220	655.52610	-.58820
-8.492	-3.927	.02640	.04400	-.01510	-.02600	1489.49049	659.44630	-.57660
-8.386	.458	.02380	.03950	-.01370	-.01860	1430.77811	696.46580	-.55210
-7.998	4.430	.02500	.04130	-.01440	-.01060	1489.31790	663.68410	-.55020
-7.688	6.456	.02610	.04320	-.01500	-.00740	1493.26221	660.43460	-.53540
	GRADIENT	-.00017	-.00034	.00009	.00184	-.25127	.64402	.00320

RUN NO. 1775/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.368	-6.207	.02660	.04470	-.01510	-.02380	1491.62300	655.51560	-.29470
-4.618	-4.129	.02560	.04260	-.01470	-.02150	1490.28709	659.43800	-.31030
-4.224	.312	.02450	.04070	-.01400	-.01590	1155.34419	853.80930	-.25690
-3.957	4.440	.02430	.04020	-.01410	-.00760	1490.43510	664.20610	-.25590
-3.571	6.374	.02560	.04240	-.01470	-.00520	1493.27730	659.85060	-.23770
	GRADIENT	-.00015	-.00028	.00007	.00162	-.93277	1.10061	.00642

RUN NO. 1776/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.292	-6.383	.02600	.04380	-.01470	-.02020	1491.39500	654.81520	-.02970
-.386	-4.487	.02520	.04190	-.01450	-.01790	1489.06979	658.93750	-.03520
-.409	-.242	.02390	.03960	-.01380	-.01580	1498.46530	649.54150	-.03070
-.387	3.497	.02470	.04090	-.01420	-.00800	1487.02390	662.97830	-.02920
-.341	5.591	.02490	.04150	-.01420	-.00410	1493.42599	660.86600	-.02410
	GRADIENT	-.00007	-.00013	.00004	.00122	-.20087	.44513	.00076

RUN NO. 1777/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.229	-5.523	.02470	.04100	-.01410	-.01490	1490.66380	656.72850	.24430
3.904	-3.517	.02420	.03970	-.01400	-.01300	1488.04030	657.15110	.23940
3.901	.324	.02380	.03930	-.01380	-.01180	1443.92990	514.25460	.23890
3.590	3.997	.02520	.04200	-.01450	-.00360	1489.40840	665.50000	.22930
3.836	5.938	.02680	.04470	-.01530	-.00090	1492.36430	660.66700	.24370
	GRADIENT	.00013	.00030	-.00007	.00124	.09278	.81783	-.00133

1A105A, AEDC PWT-TF470, O T S W0/SILTS (W8M003) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = -2.000

RUN NO. 1968/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-7.961	-6.067	.03370	.05620	-.01930	-.02840	1485.21260	657.46800	-.55570
-8.146	-3.987	.03250	.05360	-.01870	-.02340	1478.98320	656.21730	-.56630
-8.042	.183	.03140	.05180	-.01810	-.02200	1079.12520	230.52610	-.55210
-7.950	4.275	.03350	.05530	-.01940	-.00970	1489.62010	667.18770	-.54350
-7.725	6.307	.03590	.05950	-.02070	-.00750	1492.65990	664.37480	-.53780
	GRADIENT	.00012	.00020	-.00008	.00165	.97757	.99805	.00276

RUN NO. 1969/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.155	-6.189	.03270	.05430	-.01880	-.02490	1485.09740	658.09010	-.27880
-4.169	-4.092	.03130	.05200	-.01800	-.01980	1480.35110	658.15360	-.27810
-4.068	.185	.03060	.05060	-.01760	-.01780	1371.51590	542.46240	-.25510
-3.979	4.292	.03270	.05380	-.01890	-.00730	1488.71780	668.43970	-.25170
-3.575	6.260	.03350	.05520	-.01940	-.00560	1491.66750	665.35250	-.22710
	GRADIENT	.00016	.00021	-.00011	.00148	.81484	1.03109	.00316

RUN NO. 1970/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.001	-6.345	.03220	.05370	-.01850	-.02100	1484.06250	657.84280	-.01050
-.093	-4.413	.03140	.05230	-.01800	-.01640	1478.30029	657.54420	-.00790
-.144	-.097	.03050	.05050	-.01760	-.01410	1430.64360	622.29730	-.00380
-.049	3.601	.03020	.04980	-.01750	-.00710	1484.76460	667.79710	.00920
.050	5.694	.03180	.05240	-.01840	-.00390	1488.39160	664.34570	.02010
	GRADIENT	-.00015	-.00031	.00006	.00114	.47864	1.02237	.00210

RUN NO. 1971/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.229	-5.657	.03170	.05290	-.01820	-.01420	1480.86501	659.70000	.27900
3.914	-3.669	.03050	.05090	-.01750	-.01320	1472.12869	656.47390	.26750
4.077	.195	.02970	.04920	-.01710	-.01170	1362.92039	536.35860	.26940
3.797	3.977	.03060	.05060	-.01770	-.00460	1485.96800	673.19650	.26960
4.081	5.941	.03090	.05100	-.01780	-.00080	1489.74290	669.45780	.29120
	GRADIENT	.00001	-.00004	-.00003	.00112	1.70260	2.06825	.00028

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M004) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1972/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.311	-6.089	.03240	.05400	-.01850	-.03110	1487.52710	657.71950	-.57440
-8.340	-3.947	.03010	.04950	-.01750	-.02690	1481.82401	658.36300	-.57530
-8.272	.369	.02800	.04610	-.01620	-.02250	1613.48880	824.66770	-.55350
-8.000	4.309	.03080	.05050	-.01790	-.01080	1491.72440	668.49630	-.53100
-7.687	6.296	.03230	.05320	-.01670	-.00680	1493.95560	664.15410	-.52070
	GRADIENT	.00008	.00011	-.00004	.00194	1.66329	1.81813	.00536

RUN NO. 1973/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.209	-6.192	.02950	.04890	-.01690	-.02640	1487.57010	658.59500	-.27480
-4.411	-4.134	.02890	.04720	-.01680	-.02310	1483.45509	659.18290	-.28350
-4.072	.193	.02820	.04650	-.01630	-.01890	1350.14700	482.01780	-.23710
-3.985	4.306	.02940	.04810	-.01710	-.00870	1491.66380	669.26420	-.23270
-3.579	6.251	.03130	.05150	-.01810	-.00480	1493.96359	665.07320	-.21520
	GRADIENT	.00006	.00010	-.00003	.00170	.69725	.82936	.00606

RUN NO. 1974/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.005	-6.354	.02930	.04870	-.01690	-.02260	1485.97411	657.75120	.00000
-.093	-4.422	.02780	.04620	-.01600	-.01790	1482.40140	659.35770	-.00070
-.083	-.160	.02750	.04570	-.01580	-.01540	1434.69870	614.41770	.01660
-.023	3.578	.02840	.04680	-.01640	-.00760	1489.16020	669.67020	.02120
.045	5.687	.02880	.04730	-.01670	-.00480	1491.76440	664.96830	.02320
	GRADIENT	.00007	.00007	-.00005	.00127	.56562	1.01454	.00277

RUN NO. 1975/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.226	-5.658	.02880	.04790	-.01660	-.01570	1483.10719	659.02050	.27760
3.910	-3.655	.02800	.04650	-.01610	-.01570	1475.87109	657.26370	.26930
4.076	.203	.02760	.04560	-.01600	-.01220	1323.34230	468.35280	.27120
3.768	3.979	.02790	.04590	-.01620	-.00480	1490.23511	673.35330	.26260
4.072	5.946	.02880	.04700	-.01670	-.00090	1492.91650	668.73730	.28430
	GRADIENT	-.00001	-.00008	-.00001	.00143	1.73373	1.92530	-.00087

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (W8M005) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1976/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.264	-6.050	.02950	.04930	-.01690	-.02980	1489.11110	657.16310	-.57690
-8.413	-3.928	.02800	.04650	-.01620	-.02760	1483.97340	657.79490	-.58060
-8.273	.410	.02680	.04440	-.01550	-.01820	1555.06790	764.66700	-.55700
-7.951	4.328	.02760	.04540	-.01600	-.01170	1492.23680	666.85890	-.53560
-7.714	6.335	.02950	.04870	-.01700	-.00720	1494.68919	662.29690	-.53330
	GRADIENT	-.00005	-.00014	.00003	.00193	1.27583	1.51843	.00545

RUN NO. 1977/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.284	-6.182	.02850	.04760	-.01630	-.02600	1489.73270	657.58250	-.28880
-4.467	-4.119	.02770	.04560	-.01600	-.02310	1485.93089	659.07470	-.29410
-4.104	.232	.02620	.04350	-.01510	-.01780	1342.34840	411.22830	-.23650
-4.008	4.339	.02720	.04470	-.01570	-.00850	1492.42700	667.05000	-.23950
-3.575	6.282	.02860	.04740	-.01640	-.00460	1494.25320	662.55660	-.21990
	GRADIENT	-.00006	-.00011	.00004	.00172	.43364	.36949	.00652

RUN NO. 1978/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.152	-6.382	.02740	.04600	-.01560	-.02230	1488.76781	656.78440	-.01830
-.271	-4.437	.02660	.04400	-.01530	-.01940	1484.51540	659.08570	-.02180
-.250	-.186	.02560	.04230	-.01470	-.01630	1450.22830	620.58640	-.00100
-.195	3.568	.02650	.04390	-.01530	-.00850	1488.95309	665.26980	.00210
-.145	5.675	.02800	.04650	-.01610	-.00446	1497.62210	662.59330	.00280
	GRADIENT	-.00002	-.00002	.00000	.00135	.36559	.55728	.00303

RUN NO. 1979/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.247	-5.640	.02650	.04390	-.01530	-.01910	1486.01070	658.71340	.26790
3.908	-3.625	.02560	.04210	-.01480	-.01640	1480.11771	656.72410	.25810
4.065	.239	.02550	.04210	-.01480	-.01160	1221.07100	348.81300	.26240
3.723	4.002	.02630	.04370	-.01510	-.00480	1490.51151	669.39180	.25170
4.020	5.965	.02810	.04650	-.01620	-.00100	1494.40160	665.88350	.27050
	GRADIENT	.00009	.00021	-.00004	.00152	1.05356	1.29318	-.00083

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M006) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = -2.000

RUN NO. 1980/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.422	-5.989	.02720	.04500	-.01560	-.02960	1489.41209	655.57500	-.57230
-8.510	-3.882	.02650	.04410	-.01520	-.02730	1485.87770	657.55050	-.57410
-8.339	.483	.02480	.04130	-.01420	-.01830	1495.28560	703.67160	-.54570
-7.996	4.424	.02470	.04100	-.01420	-.01210	1491.68530	663.71780	-.53910
-7.654	6.404	.02600	.04320	-.01500	-.00790	1494.68970	661.15770	-.52580
	GRADIENT	-.00022	-.00038	.00012	.00183	.72521	.91802	.00425

RUN NO. 1981/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.377	-6.173	.02640	.04450	-.01500	-.02540	1490.21069	655.33720	-.29220
-4.584	-4.124	.02570	.04280	-.01470	-.02270	1488.06230	659.17580	-.30070
-4.170	.307	.02450	.04080	-.01400	-.01550	1426.51460	702.43430	-.24810
-3.971	4.417	.02440	.04030	-.01410	-.00870	1492.07130	663.81490	-.24730
-3.577	6.361	.02590	.04300	-.01490	-.00520	1494.44310	660.23490	-.23520
	GRADIENT	-.00015	-.00029	.00007	.00164	.28194	.66347	.00633

RUN NO. 1982/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.315	-6.481	.02650	.04470	-.01500	-.02090	1490.54420	654.74510	-.02740
-.385	-4.482	.02500	.04160	-.01430	-.01960	1486.74730	658.65630	-.03110
-.406	-.274	.01890	.04130	-.00810	-.01290	1472.54961	641.41280	-.02400
-.368	3.558	.02490	.04130	-.01430	-.00840	1491.89059	664.96830	-.02060
-.317	5.623	.02600	.04360	-.01490	-.00380	1495.42329	661.61870	-.01800
	GRADIENT	-.00004	-.00004	.00002	.00140	.57432	.70552	.00131

RUN NO. 1983/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.257	-5.552	.02500	.04170	-.01440	-.01600	1488.21001	655.05690	.25390
4.126	-3.566	.02450	.04020	-.01420	-.01290	1483.25270	654.19430	.25440
3.894	.324	.02410	.03990	-.01390	-.01130	1356.02560	478.36040	.24540
3.691	4.025	.02500	.04170	-.01440	-.00520	1494.67850	669.09590	.24170
3.723	5.889	.02620	.04390	-.01500	-.00090	1495.26860	662.54810	.24330
	GRADIENT	.00006	.00020	-.00003	.00101	1.21511	1.56318	-.00168

IA105A, AEDC PWT-TF470, O T S W/SILTS (WBM007) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1880/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.153	-7.944	.02570	.04170	-.01510	-.02040	1458.27710	638.89700	-.46200
-8.100	-3.858	.02290	.03700	-.01340	-.01840	1455.00050	638.98460	-.45810
-8.194	.353	.02180	.03490	-.01290	-.01610	1253.68359	367.17970	-.47820
-7.674	4.226	.02290	.03680	-.01350	-.00870	1480.74680	675.92530	-.43930
-7.823	8.173	.02550	.04070	-.01510	-.00480	1467.84230	652.13620	-.44700
	GRADIENT	-.00000	-.00003	-.00001	.00119	2.44309	3.56421	.00222

RUN NO. 1881/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.258	-8.044	.02480	.04050	-.01450	-.01680	1456.34230	636.34690	-.22600
-4.145	-3.937	.02200	.03570	-.01280	-.01460	1453.25320	639.66820	-.23010
-3.991	.191	.02080	.03330	-.01230	-.01300	1110.03590	154.34330	-.23360
-3.900	4.155	.02230	.03590	-.01320	-.00620	1478.01810	673.14260	-.23340
-3.797	8.200	.02490	.04020	-.01460	-.00310	1465.68600	649.76830	-.21090
	GRADIENT	.00003	.00002	-.00005	.00103	2.46932	3.30219	-.00041

RUN NO. 1882/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.165	-8.141	.02430	.03930	-.01430	.00200	1455.16530	633.85420	-.00140
-.241	-4.276	.02130	.03470	-.01240	.00130	1452.02950	639.14790	-.01380
-.307	-.039	.01960	.03130	-.01160	.00020	1385.08839	547.20410	-.03620
-.300	3.802	.02090	.03560	-.01230	.00040	1477.07080	673.01340	-.03810
-.216	7.818	.02400	.03870	-.01410	.00190	1465.48289	649.34380	-.02390
	GRADIENT	-.00006	-.00015	.00002	-.00011	2.77696	3.75006	-.00305

RUN NO. 1883/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.245	-7.803	.02270	.03680	-.01330	-.01040	1455.33859	635.79910	.26790
4.168	-3.826	.01990	.03220	-.01170	-.00650	1446.84200	634.89700	.26370
4.133	.189	.01910	.03050	-.01130	-.01020	-1841.26640	-3880.12500	.24340
4.131	4.093	.02130	.03430	-.01250	.00040	1473.56371	674.31150	.23790
3.880	7.976	.02370	.03830	-.01390	.00020	1463.21530	646.55270	.23060
	GRADIENT	.00018	.00026	-.00010	.00086	-.51795	-.36911	-.00327

1A105A, AEDC PWT-TF470, O T S W/SILTS (W8M007) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1884/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
8.298	-7.841	.02280	.03690	-.01330	-.00910	1455.18021	635.11990	.50010
8.153	-3.780	.01960	.03160	-.01150	-.00540	1446.34641	630.74240	.48510
7.784	.148	.01870	.02970	-.01110	-.01280	1291.16240	407.24980	.44890
8.124	4.136	.02010	.03200	-.01190	-.00090	1472.20290	672.06540	.48070
8.198	8.104	.02260	.03630	-.01330	.00230	1464.41750	647.68630	.49790
	GRADIENT	.00006	.00005	-.00005	.00057	3.37379	5.37618	-.00053

1A105A, AEDC PWT-TF470, O T S W/SILTS (W8M008) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1886/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.279	-5.998	.02530	.04150	-.01470	-.01920	1455.49710	641.48220	-.45880
-8.366	-3.869	.02400	.03920	-.01400	-.01810	1449.78560	637.85600	-.47450
-8.076	.195	.02280	.03690	-.01330	-.01410	1430.86180	567.43120	-.47740
-8.013	4.248	.02460	.04000	-.01430	-.00750	1470.07150	667.50540	-.45650
-7.743	6.229	.02560	.04190	-.01490	-.00530	1466.24541	655.35500	-.43690
	GRADIENT	.00007	.00010	-.00004	.00131	2.49594	3.64359	.00222

RUN NO. 1887/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.255	-6.106	.02360	.03870	-.01370	-.01650	1453.59570	638.67650	-.21240
-4.447	-4.069	.02320	.03810	-.01350	-.01430	1449.53661	638.88820	-.22770
-4.118	.197	.02200	.03560	-.01290	-.01240	1375.24899	467.58910	-.21830
-3.932	4.254	.02310	.03760	-.01350	-.00470	1467.54370	663.41630	-.21810
-3.633	6.217	.02500	.04070	-.01460	-.00240	1463.50320	651.78170	-.19070
	GRADIENT	-.00001	-.00006	.00000	.00115	1.99528	2.57066	.00116

1A105A, AEDC PWT-TF470, O T S W/SILTS (WBM008) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1888/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.119	-6.239	.02330	.03830	-.01350	.00110	1452.59570	637.12210	.03270
-.194	-4.375	.02230	.03670	-.01290	.00040	1450.04860	639.43380	.02010
-.281	-.117	.02100	.03410	-.01230	.00000	1412.11450	575.26490	-.00390
-.268	3.625	.02100	.03430	-.01220	.00020	1464.07420	662.23070	-.00390
-.217	5.706	.02310	.03780	-.01340	.00020	1461.82350	650.05320	.00690
	GRADIENT	-.00017	-.00031	.00009	-.00003	1.50917	2.43947	-.00306

RUN NO. 1889/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.159	-5.706	.02230	.03650	-.01290	-.00790	1450.67410	639.01050	.30490
3.873	-3.694	.02090	.03430	-.01220	-.00650	1443.28031	636.06400	.29030
4.116	.203	.02020	.03250	-.01190	-.00980	1248.79860	272.22120	.28740
3.744	4.005	.02190	.03580	-.01270	-.00050	1461.60600	662.94040	.26690
4.015	5.993	.02300	.03760	-.01340	.00250	1460.39430	649.92750	.28810
	GRADIENT	.00013	.00019	-.00006	.00077	2.15951	3.08416	-.00303

RUN NO. 1890/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.357	-5.725	.02190	.03590	-.01280	-.00500	1450.43800	640.45090	.43450
6.053	-3.721	.02040	.03330	-.01190	-.00580	1443.46680	635.80540	.41600
6.002	.205	.01940	.03130	-.01140	-.00940	1339.85600	448.39890	.41200
5.611	3.998	.02100	.03430	-.01220	-.00100	1460.89450	666.88210	.38190
5.980	5.959	.02310	.03770	-.01350	.00230	1460.19850	653.96660	.41260
	GRADIENT	.00008	.00013	-.00004	.00061	2.08385	3.72262	-.00440

IA105A, AEDC PWT-TF470, O T S W/SILTS (WBM009) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1893/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.254	-3.927	.02710	.04470	-.01570	-.01810	1456.57570	643.26950	-.48240
-8.075	.189	.02490	.04070	-.01450	-.01610	1345.95750	480.16920	-.49400
-7.977	4.254	.02700	.04430	-.01570	-.00830	1466.20779	666.41670	-.47320
	GRADIENT	-.00001	-.00005	.00000	.00120	1.11859	2.74041	.00112

RUN NO. 1894/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-6.281	-3.976	.02680	.04420	-.01550	-.01610	1454.53000	642.25660	-.36560
-6.085	.197	.02520	.04110	-.01460	-.01410	1400.75420	496.76760	-.36170
-5.725	4.360	.02580	.04240	-.01490	-.00690	1467.45630	665.37670	-.33840
	GRADIENT	-.00012	-.00022	.00007	.00110	1.54503	2.75872	.00326

RUN NO. 1895/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.132	-4.093	.02540	.04200	-.01470	-.01380	1452.52560	642.67870	-.22200
-4.108	.193	.02370	.03870	-.01380	-.01240	1400.95830	475.72440	-.22770
-3.934	4.272	.02510	.04140	-.01450	-.00580	1466.70799	664.34080	-.22400
	GRADIENT	-.00004	-.00008	.00003	.00095	1.58652	2.25703	-.00025

RUN NO. 1896/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-2.329	-4.186	.02480	.04100	-.01430	-.01230	1452.41431	642.68990	-.10710
-2.295	.195	.02290	.03750	-.01330	-.01030	1422.78340	433.72580	-.10530
-1.657	4.284	.02450	.04040	-.01420	-.00460	1466.93120	664.62570	-.08480
	GRADIENT	-.00004	-.00008	.00001	.00090	1.61372	1.99534	.00261

RUN NO. 1897/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.149	-4.346	.02360	.03910	-.01360	-.01020	1450.28419	641.64400	.02640
-.276	-.315	.02220	.03620	-.01300	-.00960	1456.47729	623.38750	.00160
-.262	3.550	.02390	.03940	-.01380	-.00480	1465.31129	666.52830	.00230
	GRADIENT	.00004	.00003	-.00002	.00068	1.90041	3.09641	-.00307

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M009) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1898/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
2.228	-3.734	.02270	.03740	-.01310	-.00700	1443.00169	635.83860	.19020
1.764	.199	.02180	.03560	-.01270	-.00810	1440.90060	474.36690	.14880
1.707	3.848	.02360	.03900	-.01370	-.00370	1465.96880	665.71580	.13620
	GRADIENT	.00011	.00020	-.00008	.00043	2.98304	3.35854	-.00717

RUN NO. 1899/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
3.923	-3.764	.02230	.03670	-.01300	-.00600	1439.62770	634.95900	.30240
4.043	.199	.02190	.03560	-.01280	-.00680	1436.82690	494.29320	.29740
3.785	3.998	.02420	.04000	-.01400	-.00210	1466.23460	668.39060	.27900
	GRADIENT	.00024	.00042	-.00013	.00050	3.39780	4.01977	-.00300

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M010) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1901/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.289	-6.033	.03050	.05050	-.01760	-.01970	1460.68069	644.56010	-.49920
-8.346	-3.938	.02970	.04910	-.01710	-.01950	1456.91141	642.05050	-.49910
-8.089	.163	.02800	.04600	-.01620	-.01720	1367.28830	512.75710	-.49700
-8.013	4.265	.02990	.04980	-.01720	-.00950	1474.75050	669.48360	-.49330
-7.736	6.249	.02650	.05250	-.01700	-.00660	1477.26511	663.05490	-.47070
	GRADIENT	.00002	.00008	-.00001	.00122	2.13664	3.28905	.00071

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M010) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1902/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.236	-6.147	.02930	.04880	-.01680	-.01740	1457.95630	641.96340	-.23440
-4.426	-4.102	.02820	.04690	-.01620	-.01590	1454.64330	641.49540	-.24720
-4.143	.188	.02610	.04290	-.01510	-.01340	1372.12041	468.20630	-.24010
-3.954	4.286	.02770	.04600	-.01590	-.00660	1471.70799	667.13820	-.23020
-3.660	6.249	.02990	.04970	-.01710	-.00490	1474.62379	660.69650	-.21320
	GRADIENT	-.00006	-.00011	.00004	.00110	1.86892	2.71903	.00202

RUN NO. 1903/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.015	-6.276	.02780	.04630	-.01600	-.00070	1456.36279	640.29220	.03600
-.092	-4.420	.02660	.04440	-.01530	-.00090	1452.08940	640.50630	.02870
-.223	-.107	.02510	.04120	-.01450	-.00100	1430.79570	586.88090	-.00430
-.194	3.616	.02600	.04290	-.01500	-.00080	1467.70410	666.43920	.00190
-.139	5.689	.02730	.04530	-.01570	-.00060	1470.87061	657.50630	.00970
	GRADIENT	-.00008	-.00020	.00004	.00001	1.76299	2.81707	-.00345

RUN NO. 1904/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.169	-5.692	.02550	.04270	-.01470	-.00840	1451.87720	642.45920	.30720
4.103	-3.694	.02440	.04040	-.01410	-.00620	1448.91499	640.59010	.30920
4.038	.185	.02490	.04060	-.01450	-.00810	1033.86011	-42.90040	.28750
3.749	3.981	.02580	.04260	-.01490	-.00300	1465.42870	669.21900	.27040
4.066	5.959	.02670	.04430	-.01530	.00090	1472.53780	663.81570	.29420
	GRADIENT	.00018	.00029	-.00010	.00041	1.74774	3.06437	-.00506

IA105A, AEDC PWT-TF470, O T S W/SILTS

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 5.000

RUN NO. 1907/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.284	-4.251	.03520	.05860	-.02020	-.02090	1470.81470	648.86570	-.53460
-8.113	.173	.03330	.05520	-.01920	-.01990	1352.02609	504.88390	-.54760
-8.036	4.288	.03530	.05860	-.02030	-.00880	1493.18730	677.22580	-.53070
	GRADIENT	.00001	-.00001	-.00001	.00140	2.25130	2.87245	.00041

RUN NO. 1908/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-6.291	-4.030	.03350	.05580	-.01930	-.01840	1469.07910	648.25590	-.39580
-6.127	.258	.03390	.05620	-.01950	-.01700	1180.52290	268.30220	-.39700
-5.899	4.393	.03450	.05660	-.01900	.01300	-1490.19949	673.82710	-.38420
	GRADIENT	.00012	.00009	.00004	.00371	2.07750	2.47136	.00137

RUN NO. 1909/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.088	-4.120	.03330	.05560	-.01910	-.01680	1469.15210	649.20700	-.24700
-4.128	.188	.03270	.05430	-.01880	-.01580	1225.34331	342.79980	-.26540
-3.900	4.332	.03350	.05560	-.01930	-.00610	1489.26880	674.99190	-.25460
	GRADIENT	.00002	-.00000	-.00002	.00126	1.99434	2.56554	-.00092

RUN NO. 1910/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-2.409	-4.211	.03330	.05560	-.01910	-.01560	1469.15480	649.64040	-.13200
-2.124	.201	.03120	.05160	-.01800	-.01190	892.55080	-226.45190	-.12060
-1.894	4.307	.03320	.05510	-.01910	-.00490	1486.21359	673.98630	-.12240
	GRADIENT	-.00002	-.00007	.00000	.00125	.35634	.35903	.00115

RUN NO. 1911/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.018	-4.363	.03260	.05440	-.01860	-.00150	1467.05270	649.61400	.02620
-.117	-.311	.03100	.05160	-.01780	-.00180	1420.43460	591.52050	.00670
-.100	3.545	.03170	.05250	-.01820	-.00140	1482.32570	673.97850	.00360
	GRADIENT	-.00012	-.00024	.00005	.00001	1.81745	2.93336	-.00275

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M011) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1912/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
2.256	-3.712	.03040	.05120	-.01730	-.01040	1460.75369	646.76510	.18320
1.813	.193	.03140	.05170	-.01820	-.00990	981.32300	-138.18950	.14160
1.750	3.820	.03090	.05130	-.01780	-.00280	1478.03540	671.61670	.13580
	GRADIENT	.00007	.00001	-.00007	.00100	.70253	.69892	-.00635

RUN NO. 1913/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
3.865	-3.737	.03170	.05340	-.01800	-.00980	1458.39819	647.52220	.29280
4.048	.199	.03040	.04990	-.01770	-.00820	1324.06641	382.44950	.29190
3.794	3.962	.03190	.05280	-.01830	-.00240	1475.50320	675.98830	.28070
	GRADIENT	.00002	-.00008	-.00004	.00096	1.94471	3.15597	-.00156

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M012) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1914/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.347	-6.106	.03680	.06120	-.02110	-.02590	1482.31450	653.27000	-.57030
-8.364	-3.993	.03510	.05820	-.02030	-.02130	1473.39360	649.02810	-.57080
-8.072	.164	.03430	.05680	-.01980	-.02110	1344.36520	492.35620	-.56630
-8.022	4.308	.03690	.06090	-.02130	-.00910	1495.34770	675.69800	-.55900
-7.665	6.314	.03720	.06150	-.02140	-.00650	1495.74170	669.07840	-.52890
	GRADIENT	.00022	.00032	-.00012	.00147	2.57314	3.12626	.00142

IA105A, AEDC PWT-TF470, O T S W/SILTS (WBM012) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1915/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.193	-6.207	.03600	.05980	-.02060	-.02220	1481.42770	654.13160	-.25360
-4.444	-4.180	.03420	.05680	-.01960	-.01820	1475.16499	651.75610	-.28210
-4.113	.188	.03370	.05600	-.01940	-.01700	1219.08231	315.01030	-.27580
-4.012	4.321	.03490	.05760	-.02020	-.00610	1493.42020	674.85380	-.26490
-3.557	6.286	.03610	.05970	-.02090	-.00520	1493.37010	668.27370	-.22960
	GRADIENT	.00008	.00009	-.00007	.00141	1.57429	1.96440	.00202

RUN NO. 1916/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.121	-6.312	.03470	.05780	-.01990	-.00150	1478.11940	652.96390	.03150
.024	-4.419	.03350	.05590	-.01920	-.00180	1472.89059	651.59690	.02750
-.112	-.153	.03250	.05400	-.01870	-.00220	1429.88110	601.41750	.00760
-.089	3.594	.03430	.05670	-.01980	-.00210	1488.95950	676.41650	.00420
.004	5.689	.03540	.05850	-.02050	-.00260	1488.92870	667.31540	.01110
	GRADIENT	.00009	.00009	-.00007	-.00004	1.72745	2.75580	-.00295

RUN NO. 1941/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.346	-5.638	.03600	.06010	-.02060	-.01130	1474.11349	654.89530	.30370
3.871	-3.631	.03480	.05810	-.01990	-.01130	1462.80000	645.92820	.27530
3.867	.190	.03480	.05740	-.02010	-.01030	147.12990	-1213.25729	.24940
3.849	3.958	.03440	.05700	-.01980	-.00390	1484.54150	678.33400	.25680
3.893	5.830	.03650	.06030	-.02110	-.00020	1488.01660	670.93330	.26970
	GRADIENT	-.00005	-.00015	.00001	.00097	2.06183	3.13483	-.00245

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M013) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1918/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.281	-6.346	.03410	.05670	-.01950	-.02770	1483.54930	653.41480	-.56970
-8.396	-3.983	.03270	.05400	-.01890	-.02430	1475.56790	650.26000	-.57810
-8.095	.187	.03090	.05090	-.01790	-.02200	1367.43430	518.92070	-.58300
-7.997	4.295	.03380	.05560	-.01960	-.00910	1495.72800	674.93750	-.56230
-7.721	6.342	.03620	.05980	-.02090	-.00770	1494.87450	667.35470	-.54320
	GRADIENT	.00013	.00019	-.00008	.00183	2.36419	2.89456	.00190

RUN NO. 1919/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.213	-6.215	.03300	.05480	-.01900	-.02380	1482.35960	654.18510	-.25330
-4.414	-4.150	.03150	.05210	-.01810	-.02020	1475.97850	652.43380	-.27170
-4.116	.190	.03090	.05110	-.01780	-.01810	1295.87621	425.04570	-.27790
-4.004	4.325	.03200	.05260	-.01860	-.00630	1491.40939	672.36940	-.25980
-3.590	6.299	.03380	.05560	-.01960	-.00570	1493.80690	667.86670	-.23590
	GRADIENT	.00006	.00006	-.00006	.00163	1.46211	1.89903	.00138

RUN NO. 1920/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.143	-6.307	.03210	.05320	-.01840	-.00150	1480.71359	654.21530	.04070
.072	-4.418	.03110	.05150	-.01790	-.00200	1476.12770	653.55960	.04200
-.073	-.151	.03020	.05000	-.01740	-.00260	1443.31880	612.07690	.02400
-.041	3.586	.03190	.05260	-.01850	-.00330	1489.82060	673.97190	.02230
.055	5.686	.03240	.05320	-.01880	-.00300	1491.12601	667.57790	.03380
	GRADIENT	.00009	.00013	-.00007	-.00016	1.49002	2.26208	-.00250

RUN NO. 1921/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.208	-5.635	.03300	.05490	-.01890	-.01340	1478.67310	656.50340	.29800
3.877	-3.650	.03150	.05240	-.01810	-.01270	1468.50169	649.83500	.28420
4.040	.195	.03120	.05150	-.01810	-.01190	1204.29610	291.91460	.27740
3.768	3.951	.03110	.05130	-.01790	-.00390	1488.28490	677.64180	.27410
4.067	5.908	.03100	.05110	-.01790	-.00110	1491.13789	672.08520	.29620
	GRADIENT	-.00005	-.00015	.00003	.00115	2.32067	3.27569	-.00133

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (WBM014) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1923/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.127	-4.013	.03020	.04950	-.01750	-.02510	1477.44600	652.28980	-.54980
-8.066	.197	.02860	.04710	-.01650	-.02200	1330.44260	452.47290	-.53890
-8.004	4.321	.03120	.05110	-.01810	-.01060	1495.48540	674.81050	-.54510
	GRADIENT	.00012	.00019	-.00007	.00174	2.03530	2.52742	.00057

RUN NO. 1924/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-6.292	-4.055	.03020	.04930	-.01760	-.02370	1476.96730	651.96220	-.40680
-6.110	.204	.02860	.04710	-.01660	-.01730	1071.10640	56.33400	-.38110
-6.007	4.339	.03110	.05100	-.01810	-.00960	1494.98750	675.00780	-.39360
	GRADIENT	.00010	.00020	-.00006	.00168	1.65914	2.03184	.00159

RUN NO. 1925/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.275	-4.114	.02970	.04870	-.01730	-.02170	1477.47560	652.96850	-.25730
-4.122	.196	.02830	.04660	-.01630	-.01750	1075.49760	81.15090	-.23550
-3.991	4.313	.02990	.04890	-.01730	-.00830	1493.16550	672.92020	-.24200
	GRADIENT	.00002	.00002	.00000	.00159	1.11832	1.31212	.00184

RUN NO. 1926/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-2.439	-4.223	.02950	.04850	-.01710	-.01980	1478.16800	654.23630	-.12410
-2.137	.202	.02790	.04610	-.01610	-.01360	2121.94919	1623.74930	-.09620
-1.887	4.328	.02930	.04800	-.01700	-.00670	1494.60060	675.39790	-.09830
	GRADIENT	-.00003	-.00006	.00001	.00153	3.65055	5.08336	.00306

RUN NO. 1927/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.021	-4.370	.02820	.04660	-.01620	-.00260	1481.39580	657.05710	.03170
-.056	-.314	.02830	.04690	-.01630	-.00360	1428.74170	592.48360	.03010
-.054	3.545	.02830	.04650	-.01640	-.00360	1492.79170	675.39770	.02210
	GRADIENT	.00001	-.00001	-.00003	-.00013	1.31779	2.16294	-.00121

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M014) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB ELV = 8.000 OB-ELV = 5.000

RUN NO. 1928/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
2.250	-3.701	.02790	.04610	-.01610	-.01520	1473.92680	652.79470	.18740
2.113	.213	.02740	.04490	-.01590	-.01120	1851.07930	1258.08501	.16180
1.739	3.804	.02830	.04660	-.01640	-.00490	1490.98120	674.35910	.13710
	GRADIENT	.00005	.00006	-.00004	.00137	3.68265	5.14820	-.00670

RUN NO. 1929/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
3.952	-3.713	.02820	.04670	-.01620	-.01530	1473.24850	652.81710	.28850
4.034	.205	.02780	.04560	-.01610	-.01160	6114.56641	7286.87500	.28130
3.772	3.951	.02840	.04660	-.01650	-.00350	1491.45410	675.68260	.26560
	GRADIENT	.00003	-.00002	-.00004	.00154	11.39399	15.87727	-.00298

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M015) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1931/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.234	-6.080	.03010	.05030	-.01730	-.02860	1487.31300	654.48190	-.56470
-8.418	-3.969	.02820	.04670	-.01620	-.02650	1481.30930	653.54420	-.57280
-8.121	.238	.02680	.04430	-.01550	-.02210	1341.19600	450.89280	-.55220
-7.968	4.360	.02780	.04570	-.01610	-.01130	1495.79390	671.76830	-.54480
-7.702	6.348	.02900	.04800	-.01670	-.00820	1497.02589	665.53300	-.52950
	GRADIENT	-.00005	-.00012	.00001	.00182	1.61766	2.01358	.00337

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M015) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1932/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.303	-6.194	.02850	.04740	-.01640	-.02410	1486.98880	654.38230	-.26820
-4.472	-4.137	.02740	.04510	-.01590	-.02220	1481.61301	654.02420	-.27480
-4.134	.244	.02690	.04470	-.01550	-.01750	1173.15990	204.24070	-.24100
-4.010	4.350	.02740	.04510	-.01590	-.00800	1494.14140	669.64210	-.24760
-3.564	6.316	.02890	.04800	-.01660	-.00560	1496.07539	664.84030	-.22310
	GRADIENT	-.00000	-.00000	.00000	.00167	.67608	.67698	.00326

RUN NO. 1933/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.064	-6.345	.02730	.04550	-.01560	-.00180	1486.54491	654.30220	.01190
-.116	-4.439	.02690	.04440	-.01550	-.00240	1482.10770	655.67360	.01760
-.174	-.180	.02550	.04220	-.01470	-.00390	1427.95900	584.61400	.01950
-.227	3.569	.02690	.04440	-.01550	-.00320	1492.89330	671.17770	.00200
-.170	5.665	.02810	.04650	-.01620	-.00240	1495.07620	665.74580	.00400
	GRADIENT	-.00001	-.00001	.00000	-.00011	1.03017	1.51669	-.00189

RUN NO. 1934/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.219	-5.605	.02690	.04440	-.01560	-.01710	1483.53960	656.14970	.28740
3.889	-3.609	.02540	.04180	-.01470	-.01570	1476.26930	650.76660	.27330
3.995	.242	.02560	.04190	-.01480	-.00980	1887.73849	1203.34911	.26970
3.711	3.978	.02670	.04410	-.01540	-.00450	1490.31790	671.67850	.25140
3.998	5.931	.02770	.04590	-.01590	-.00170	1494.75710	667.86350	.26810
	GRADIENT	.00017	.00030	-.00009	.00148	2.39406	3.48330	-.00288

1A105A, AEDC PWT-TF470, O T S W/SILTS (W8M016) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 8.000 OB-ELV = 5.000

RUN NO. 1936/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.379	-6.021	.02700	.04470	-.01550	-.02810	1488.05440	653.45920	-.56130
-8.521	-3.920	.02640	.04410	-.01510	-.02690	1483.63620	653.82740	-.56630
-8.372	.437	.02390	.03970	-.01370	-.02130	1293.92410	362.13010	-.54260
-7.678	4.475	.02480	.04100	-.01430	-.01140	1494.25369	668.94410	-.51600
-7.785	6.469	.02610	.04320	-.01500	-.00840	1495.97971	663.53710	-.53850
	GRADIENT	-.00020	-.00038	.00010	.00184	.67371	.89382	.00598

RUN NO. 1937/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.402	-6.202	.02660	.04460	-.01510	-.02400	1487.87300	652.79250	-.27570
-4.585	-4.123	.02590	.04310	-.01490	-.02200	1484.59250	654.96780	-.28140
-4.216	.315	.02410	.04000	-.01390	-.01780	1260.12669	286.94650	-.24940
-3.972	4.450	.02430	.04020	-.01400	-.00830	1493.57280	667.64650	-.25810
-3.563	6.358	.02550	.04230	-.01470	-.00550	1495.75439	662.59450	-.24040
	GRADIENT	-.00019	-.00034	.00011	.00159	.41850	.45054	.00277

RUN NO. 1938/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.223	-6.403	.02620	.04420	-.01490	-.00160	1487.28760	652.11250	-.00250
-.278	-4.487	.02530	.04200	-.01450	-.00200	1483.98190	655.52980	.00080
-.353	-.246	.02380	.03940	-.01370	-.00400	1456.51199	609.04030	-.00510
-.363	3.501	.02490	.04130	-.01440	-.00300	1492.64211	667.79130	-.01210
-.337	5.596	.02610	.04370	-.01490	-.00180	1495.47900	662.43240	-.01410
	GRADIENT	-.00006	-.00010	.00002	-.00013	.91906	1.26216	-.00161

RUN NO. 1939/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.249	-5.525	.02550	.04250	-.01470	-.01500	1486.20970	654.32370	.27070
3.891	-3.515	.02460	.04030	-.01420	-.01300	1482.75540	652.78860	.25570
3.904	.321	.02440	.04030	-.01410	-.01110	966.59690	-20.22510	.25250
3.600	3.996	.02550	.04230	-.01470	-.00440	1493.89180	669.30830	.23820
3.863	5.942	.02770	.04620	-.01580	-.00100	1495.05200	662.18140	.25300
	GRADIENT	.00012	.00026	-.00007	.00114	.48566	.89746	-.00232

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (W8M017) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1733/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.221	-7.919	.02640	.04280	-.01550	-.02000	1463.40109	646.37280	-.43500
-8.052	-3.861	.02320	.03760	-.01360	-.01820	1465.28661	651.54790	-.42560
-8.155	.330	.02220	.03540	-.01320	-.01620	1503.18530	701.31760	-.43440
-7.913	4.171	.02320	.03730	-.01370	-.00780	1471.50050	661.02610	-.40280
-7.605	8.101	.02570	.04110	-.01520	-.00280	1466.20560	648.71920	-.38860
	GRADIENT	-.00000	-.00004	-.00001	.00128	.89906	1.34227	.00276

RUN NO. 1734/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.195	-8.049	.02500	.04050	-.01460	-.01700	1462.65140	644.49270	-.21380
-4.150	-3.936	.02210	.03590	-.01290	-.01460	1463.88010	653.24340	-.21430
-3.991	.187	.02110	.03360	-.01250	-.01310	1744.32360	988.44530	-.19550
-3.852	4.174	.02240	.03610	-.01320	-.00550	1469.97189	659.36960	-.16990
-3.795	8.170	.02530	.04090	-.01490	-.00180	1464.99190	646.23660	-.17350
	GRADIENT	.00004	.00002	-.00004	.00112	1.13610	1.21534	.00547

RUN NO. 1735/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.154	-8.107	.02430	.03930	-.01420	-.01410	1460.90669	641.26660	.00690
-.265	-4.269	.02150	.03490	-.01260	-.01080	1461.15601	652.32420	-.00770
-.249	-.051	.02030	.03230	-.01210	-.01080	1383.38330	597.39110	-.00150
-.210	3.799	.02080	.03350	-.01230	-.00400	1469.01950	657.92530	.00790
-.129	7.818	.02360	.03820	-.01390	-.00080	1464.31371	646.27030	.02010
	GRADIENT	-.00009	-.00018	.00004	.00083	.66575	.47595	.00193

RUN NO. 1736/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.482	-7.702	.02290	.03720	-.01340	-.01060	1460.93021	643.17550	.30500
4.158	-3.819	.02070	.03350	-.01220	-.00610	1457.55000	652.15330	.28220
4.112	.193	.01990	.03170	-.01180	-.01040	2800.92719	1947.62570	.26880
3.848	4.108	.02150	.03460	-.01270	-.00030	1468.12080	662.14530	.25950
3.871	7.972	.02280	.03700	-.01340	.00090	1463.93530	644.84160	.26870
	GRADIENT	.00010	.00014	-.00006	.00072	2.71327	2.59116	-.00287

1A105A, AEDC PWT-TF470, O T S WO/SILTS (W8M017) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1737/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
8.253	-7.785	.02390	.03870	-.01410	-.00880	1461.63280	644.21340	.52650
8.166	-3.775	.02020	.03240	-.01190	-.00430	1459.23579	652.43990	.51980
7.790	.153	.01850	.02950	-.01100	-.01260	759.98800	-68.70260	.48300
8.129	4.137	.02080	.03320	-.01230	-.00110	1465.28439	657.83230	.51750
8.186	8.098	.02340	.03750	-.01380	.00260	1464.74220	645.67110	.53560
	GRADIENT	.00008	.00010	-.00005	.00041	1.18935	1.11946	-.00027

1A105A, AEDC PWT-TF470, O T S WO/SILTS (W8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1738/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.173	-5.987	.02510	.04120	-.01460	-.01930	1460.17430	647.56130	-.43610
-8.376	-3.895	.02430	.03980	-.01410	-.01840	1457.41920	648.42090	-.45170
-8.293	.322	.02360	.03820	-.01380	-.01440	1437.49730	652.54880	-.45620
-8.019	4.257	.02320	.03780	-.01350	-.00660	1469.08060	660.13820	-.41620
-7.776	6.225	.02540	.04160	-.01480	-.00360	1465.88750	653.60840	-.40390
	GRADIENT	-.00014	-.00025	.00007	.00144	1.35673	1.43186	.00429

RUN NO. 1739/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.263	-6.107	.02440	.04000	-.01420	-.01620	1460.75200	646.71480	-.20520
-4.442	-4.069	.02330	.03820	-.01350	-.01510	1457.15919	649.45310	-.21880
-4.097	.196	.02200	.03570	-.01290	-.01160	1509.16240	659.41380	-.18600
-3.914	4.266	.02280	.03720	-.01330	-.00390	1466.41920	657.92410	-.16690
-3.647	6.199	.02440	.03970	-.01420	-.00140	1463.91431	651.08030	-.14620
	GRADIENT	-.00006	-.00012	.00002	.00134	1.19947	1.02692	.00624

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (W8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1740/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.155	-6.208	.02330	.03820	-.01350	-.01310	1459.51289	645.76370	.03250
-.231	-4.071	.02180	.03590	-.01260	-.01070	1455.60500	650.29250	.02070
-.241	-.164	.02110	.03410	-.01240	-.00970	1006.56910	433.52910	.01920
-.169	3.697	.02170	.03540	-.01270	-.00230	1464.47951	656.20480	.03590
-.077	5.709	.02280	.03740	-.01330	-.00010	1462.93950	649.77000	.05960
	GRADIENT	-.00001	-.00007	-.00001	.00108	.91997	.65331	.00195

RUN NO. 1741/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.161	-5.701	.02300	.03770	-.01330	-.00790	1458.02470	648.62500	.32010
3.893	-3.687	.02120	.03470	-.01230	-.00600	1450.35080	649.52270	.30960
4.062	.201	.02090	.03360	-.01230	-.00920	992.70410	286.96580	.30680
3.780	4.013	.02150	.03500	-.01250	-.00010	1462.91940	658.58400	.31290
3.960	5.978	.02310	.03770	-.01340	.00270	1462.79131	651.14970	.32360
	GRADIENT	.00004	.00004	-.00003	.00076	1.24356	.86922	.00042

RUN NO. 1742/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.380	-5.710	.02250	.03690	-.01300	-.00490	1456.83760	649.02150	.45930
6.047	-3.717	.02110	.03460	-.01230	-.00520	1449.71291	651.32890	.43420
5.995	.208	.02010	.03240	-.01180	-.00860	1206.24631	432.71410	.43540
5.623	4.011	.02110	.03440	-.01230	-.00100	1459.85229	658.91260	.41460
5.919	5.943	.02230	.03640	-.01300	.00270	1462.02859	653.75420	.44290
	GRADIENT	-.00000	-.00003	.00000	.00054	.97267	.67765	-.00252

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (W8M018) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1743/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.300	-6.000	.02790	.04620	-.01610	-.01900	1459.69141	645.44480	-.47840
-8.382	-3.912	.02660	.04380	-.01540	-.01860	1465.70869	653.65580	-.48910
-8.302	.352	.02520	.04100	-.01470	-.01550	909.39750	285.55470	-.48610
-8.014	4.255	.02690	.04420	-.01560	-.00748	1462.76610	654.36350	-.45290
-7.780	6.257	.02820	.04660	-.01630	-.00430	1467.74879	653.19560	-.43960
	GRADIENT	.00003	.00004	-.00002	.00136	-2.36506	-1.24488	.00437

RUN NO. 1744/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.239	-6.133	.02670	.04420	-.01540	-.01650	1454.34419	640.33940	-.22490
-4.434	-4.108	.02500	.04120	-.01450	-.01510	1459.06670	650.27590	-.23930
-4.146	.190	.02320	.03790	-.01350	-.01160	1737.46970	867.53740	-.20910
-3.956	4.276	.02530	.04170	-.01470	-.00480	1463.90939	656.10860	-.18800
-3.661	6.248	.02680	.04420	-.01550	-.00290	1468.12939	653.24170	-.16920
	GRADIENT	.00003	.00005	-.00002	.00122	1.12971	1.12444	.00613

RUN NO. 1745/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.116	-6.240	.02500	.04140	-.01440	-.01310	1454.79539	640.39500	.02920
-.210	-4.410	.02370	.03920	-.01360	-.01080	1451.49510	645.62840	.02160
-.239	-.309	.02190	.03560	-.01280	-.00870	1477.58150	696.83250	.02150
-.158	3.623	.02380	.03940	-.01380	-.00480	1458.93260	654.57640	.03900
-.061	5.689	.02520	.04160	-.01450	-.00030	1466.73730	653.73220	.05480
	GRADIENT	.00001	.00002	-.00002	.00075	.96477	1.19529	.00215

RUN NO. 1746/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.156	-5.683	.02470	.04070	-.01430	-.00760	1452.87520	646.61620	.32150
3.865	-3.681	.02330	.03830	-.01350	-.00560	1443.62730	645.80980	.31170
4.060	.198	.02190	.03550	-.01280	-.00730	755.34450	471.02880	.31800
3.771	4.002	.02360	.03890	-.01370	-.00200	1459.60570	658.06910	.31640
3.967	5.962	.02420	.03990	-.01400	.00190	1463.17070	655.07860	.32020
	GRADIENT	.00004	.00008	-.00003	.00047	1.49295	1.44317	.00062

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (W8M020) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1747/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.331	-6.022	.03080	.05110	-.01770	-.02080	1463.62790	648.10670	-.49320
-8.390	-3.935	.02960	.04890	-.01700	-.01990	1464.18800	651.23240	-.50130
-8.292	.333	.02730	.04480	-.01590	-.01740	1288.04660	609.89870	-.48970
-7.974	4.261	.02940	.04880	-.01690	-.00820	1464.10451	657.42580	-.45560
-7.803	6.252	.03140	.05240	-.01800	-.00470	1472.74660	657.87300	-.45100
	GRADIENT	-.00003	-.00003	.00002	.00142	-.60574	.60493	.00553

RUN NO. 1748/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.224	-6.145	.02880	.04800	-.01660	-.01730	1459.79300	644.64700	-.23070
-4.450	-4.102	.02760	.04580	-.01580	-.01630	1453.69170	645.25760	-.24670
-4.126	.187	.02620	.04300	-.01520	-.01360	1618.21700	744.83940	-.21690
-3.940	4.271	.02790	.04640	-.01610	-.00570	1461.48830	655.76710	-.18840
-3.682	6.247	.03030	.05030	-.01740	-.00390	1470.56351	656.16580	-.17650
	GRADIENT	.00003	.00007	-.00003	.00126	1.24383	1.43861	.00696

RUN NO. 1749/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.075	-6.243	.02740	.04570	-.01570	-.01380	1460.96950	645.71070	.02970
-.148	-4.421	.02690	.04480	-.01540	-.01170	1453.30569	645.04690	.02460
-.182	-.100	.02530	.04140	-.01470	-.01020	1539.00290	726.49610	.01570
-.103	3.616	.02620	.04340	-.01510	-.00490	1461.56270	657.11280	.03520
.020	5.685	.02830	.04700	-.01620	-.00250	1467.47630	654.75540	.06060
	GRADIENT	-.00009	-.00019	.00004	.00083	1.53435	1.96902	.00123

RUN NO. 1750/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.166	-5.678	.02620	.04370	-.01500	-.00880	1457.47780	648.85060	.31920
3.868	-3.687	.02490	.04130	-.01430	-.00580	1443.03939	642.90380	.30780
4.046	.193	.02480	.04030	-.01450	-.00860	-892.80000	-1463.84500	.30430
3.727	3.971	.02590	.04280	-.01490	-.00280	1460.07761	661.84060	.30180
4.068	5.968	.02680	.04450	-.01540	.00130	1470.97610	662.41210	.32780
	GRADIENT	.00013	.00019	-.00008	.00039	-.48545	.02626	-.00078

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M021) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1751/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.278	-6.079	.03590	.05990	-.02060	-.02370	1480.65230	654.70800	-.53010
-8.437	-3.967	.03390	.05660	-.01940	-.02060	1478.67430	655.61330	-.56180
-8.250	.329	.03380	.05610	-.01950	-.01870	1550.06709	3618.05789	-.52450
-7.990	4.294	.03510	.05820	-.02020	-.00710	1483.94850	668.28490	-.50850
-7.722	6.301	.03620	.06040	-.02080	-.00410	1488.56050	665.26490	-.49620
	GRADIENT	.00014	.00019	-.00010	.00162	.85996	11.07349	.00648

RUN NO. 1752/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.181	-6.192	.03420	.05720	-.01960	-.02050	1479.97560	654.44360	-.24890
-4.443	-4.135	.03250	.05430	-.01860	-.01720	1477.04570	655.90260	-.26360
-4.226	.201	.03300	.05460	-.01910	-.01540	1450.22121	570.05180	-.24730
-3.989	4.322	.03270	.05440	-.01880	-.00470	1482.80859	670.05470	-.21990
-3.600	6.249	.03470	.05780	-.01990	-.00280	1486.33960	665.61890	-.19220
	GRADIENT	.00002	.00001	-.00002	.00147	.62188	1.48721	.00516

RUN NO. 1753/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.059	-6.288	.03420	.05710	-.01950	-.01620	1475.70210	653.32930	.02780
-.038	-4.392	.03100	.05200	-.01770	-.01390	1470.91870	653.65360	.02940
-.061	-.269	.03070	.05110	-.01770	-.01150	1464.55299	632.36910	.03390
.032	3.576	.03180	.05280	-.01830	-.00410	1475.37260	667.26340	.04740
.131	5.674	.03230	.05370	-.01860	-.00120	1481.13750	664.29590	.06030
	GRADIENT	.00010	.00010	-.00007	.00122	.53373	1.62558	.00225

RUN NO. 1754/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.185	-5.635	.03230	.05430	-.01830	-.01150	1469.98610	656.82840	.31740
3.904	-3.685	.03080	.05170	-.01750	-.01010	1463.22141	653.39160	.30500
4.050	.197	.03130	.05150	-.01810	-.00990	1437.38380	575.45140	.30590
3.748	3.966	.03130	.05180	-.01800	-.00250	1470.92380	671.17530	.29960
4.091	5.916	.03150	.05220	-.01810	.00130	1478.54469	668.61650	.33260
	GRADIENT	.00007	.00001	-.00007	.00099	.96835	2.21215	-.00070

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M022) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1755/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.308	-6.104	.03790	.06310	-.02180	-.02600	1485.65720	655.24950	-.56980
-8.371	-3.980	.03680	.06110	-.02120	-.02170	1482.64481	656.17140	-.57910
-8.323	.334	.03630	.06000	-.02090	-.01990	1526.24440	882.07890	-.57250
-7.974	4.302	.03820	.06300	-.02210	-.00740	1489.55620	668.57100	-.52910
-7.733	6.301	.04030	.06700	-.02320	-.00540	1491.59300	664.32620	-.51180
	GRADIENT	.00016	.00022	-.00011	.00171	.96897	2.23491	.00597

RUN NO. 1756/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.204	-6.195	.03700	.06160	-.02120	-.02230	1485.49760	655.71390	-.26750
-4.424	-4.148	.03560	.05930	-.02050	-.01840	1482.99020	656.73270	-.28630
-4.101	.185	.03470	.05750	-.02000	-.01680	1451.18581	549.78660	-.24790
-4.007	4.331	.03610	.05940	-.02090	-.00520	1489.60600	671.01000	-.23000
-3.575	6.291	.03780	.06240	-.02180	-.00440	1490.88451	665.15140	-.19760
	GRADIENT	.00006	.00001	-.00005	.00155	.71884	1.48441	.00666

RUN NO. 1757/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.073	-6.284	.03580	.05960	-.02050	-.01750	1482.35471	655.43040	.02690
-.029	-4.396	.03540	.05890	-.02030	-.01470	1479.15581	655.02760	.01880
-.087	-.174	.03530	.05860	-.02030	-.01280	1471.10181	636.34500	.01490
-.002	3.598	.03550	.05870	-.02050	-.00550	1481.91310	668.88430	.03020
.120	5.675	.03850	.06330	-.02230	-.00250	1486.77319	664.53540	.04340
	GRADIENT	.00001	-.00003	-.00002	.00114	.30032	1.61145	.00138

RUN NO. 1758/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.211	-5.638	.03720	.06210	-.02130	-.01230	1480.74100	658.63130	.30650
3.891	-3.654	.03580	.05980	-.02050	-.01130	1472.21830	652.76610	.29230
4.033	.195	.03640	.06030	-.02090	-.01120	1425.04880	542.43260	.28790
3.763	3.953	.03590	.05940	-.02070	-.00350	1481.10941	672.05710	.28320
4.077	5.906	.03700	.06120	-.02140	.00020	1487.29131	669.11840	.30840
	GRADIENT	.00001	-.00005	-.00003	.00102	1.11458	2.41007	-.00120

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (W8M023) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
1B-ELV = 8.000 0B-ELV = 9.000

RUN NO. 1759/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.269	-6.117	.03420	.05700	-.01960	-.02780	1486.70480	656.53170	-.54980
-8.353	-3.978	.03320	.05470	-.01920	-.02290	1483.26421	656.48580	-.54870
-8.092	.179	.03180	.05250	-.01830	-.02130	1436.25490	525.35960	-.52850
-7.959	4.292	.03420	.05630	-.01980	-.00870	1490.33080	670.41140	-.51610
-7.758	6.333	.03580	.05920	-.02060	-.00680	1492.97050	666.05320	-.51570
	GRADIENT	.00012	.00019	-.00007	.00171	.83296	1.62509	.00394

RUN NO. 1760/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.180	-6.209	.03320	.05510	-.01910	-.02380	1486.61230	657.65720	-.24940
-4.416	-4.152	.03240	.05370	-.01870	-.02020	1483.51511	657.68600	-.26080
-4.118	.184	.03100	.05130	-.01790	-.01730	1464.28909	592.72050	-.22720
-3.976	4.321	.03230	.05300	-.01880	-.00680	1489.00729	671.23220	-.22360
-3.599	6.289	.03410	.05590	-.01980	-.00510	1491.84380	666.89160	-.20170
	GRADIENT	-.00001	-.00009	-.00001	.00157	.60727	1.46517	.00442

RUN NO. 1761/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.077	-6.278	.03230	.05360	-.01850	-.01910	1484.94949	656.94920	.03080
-.011	-4.402	.03190	.05310	-.01840	-.01590	1480.52589	656.61520	.03040
-.051	-.167	.02990	.04940	-.01720	-.01390	1466.18359	622.73290	.03870
.032	3.598	.03040	.05010	-.01760	-.00590	1485.16870	670.91850	.04780
.182	5.681	.03130	.05130	-.01820	-.00330	1487.16280	665.31740	.07080
	GRADIENT	-.00019	-.00039	.00010	.00123	.49814	1.58503	.00217

RUN NO. 1762/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.215	-5.635	.03220	.05370	-.01850	-.01350	1481.98140	658.86650	.30120
3.897	-3.649	.03090	.05140	-.01770	-.01280	1475.00560	655.02710	.28870
4.030	.195	.03070	.05080	-.01770	-.01180	1432.35620	574.80200	.29350
3.765	3.951	.03060	.05040	-.01770	-.00370	1483.74370	673.36720	.29520
4.040	5.901	.03090	.05070	-.01790	-.00040	1489.15919	670.78660	.31480
	GRADIENT	-.00004	-.00013	.00000	.00119	1.10172	2.32184	.00086

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (W8M024) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 9.000

RUN NO. 1763/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.295	-6.115	.03240	.05390	-.01860	-.02910	1488.79539	656.97610	-.54630
-8.421	-3.987	.03080	.05040	-.01790	-.02580	1484.64970	657.77660	-.55880
-8.273	.348	.02860	.04720	-.01660	-.01930	1625.72220	1140.17290	-.52520
-8.000	4.320	.03160	.05180	-.01830	-.00940	1489.90450	668.49190	-.50190
-7.768	6.341	.03280	.05410	-.01900	-.00640	1493.36230	664.18510	-.50220
	GRADIENT	.00009	.00015	-.00004	.00197	1.11730	2.96074	.00686

RUN NO. 1764/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.220	-6.198	.02940	.04860	-.01690	-.02460	1488.55440	657.70260	-.24920
-4.444	-4.150	.02950	.04810	-.01720	-.02130	1485.74631	658.35640	-.25990
-4.107	.191	.02800	.04610	-.01620	-.01800	1456.40280	546.88990	-.21610
-3.991	4.312	.02950	.04830	-.01710	-.00720	1490.28830	669.79100	-.20960
-3.623	6.316	.03190	.05240	-.01850	-.00480	1493.38699	665.05960	-.19670
	GRADIENT	-.00000	.00002	.00001	.00166	.47061	1.10978	.00598

RUN NO. 1765/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.065	-6.295	.02930	.04870	-.01690	-.02060	1487.24930	657.28270	.02900
-.011	-4.413	.02810	.04670	-.01620	-.01730	1484.17239	658.38700	.03140
-.027	-.165	.02730	.04530	-.01570	-.01470	1474.28960	627.89140	.04160
.034	3.594	.02870	.04720	-.01660	-.00650	1488.30910	671.42940	.04670
.101	5.671	.02880	.04730	-.01670	-.00440	1490.91499	665.99290	.05330
	GRADIENT	.00007	.00005	-.00005	.00133	.45533	1.43896	.00192

RUN NO. 1766/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.209	-5.638	.02860	.04740	-.01650	-.01450	1484.22121	658.22360	.30080
3.889	-3.634	.02830	.04680	-.01630	-.01530	1477.64870	655.38820	.29120
4.051	.212	.02750	.04530	-.01600	-.01180	1422.40060	529.89670	.29550
3.753	3.954	.02850	.04670	-.01660	-.00340	1488.01221	673.28780	.28480
4.037	5.905	.02840	.04620	-.01650	-.00150	1491.56670	669.21560	.30110
	GRADIENT	.00003	-.00001	-.00004	.00157	1.29360	2.19841	-.00083

1A105A, AEDC PWT-TF470, O T S W0/SILTS (W8M025) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1989/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-7.979	-7.885	.02550	.04160	-.01490	-.02070	1458.86990	642.13110	-.41290
-8.049	-3.832	.02300	.03730	-.01340	-.01810	1457.04739	642.97310	-.42150
-8.093	.313	.02190	.03520	-.01300	-.01530	1576.86839	782.38260	-.42270
-7.596	4.188	.02410	.03870	-.01420	-.00920	1475.17461	665.28740	-.37750
-7.574	8.058	.02540	.04070	-.01500	-.00460	1467.64819	650.97630	-.38150
	GRADIENT	.00013	.00017	-.00010	.00110	2.56742	3.13795	.00542

RUN NO. 1990/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.139	-7.997	.02490	.04050	-.01450	-.01790	1458.37820	640.60180	-.20210
-4.137	-3.905	.02220	.03610	-.01300	-.01460	1456.38210	644.19750	-.20970
-3.926	.187	.02160	.03450	-.01280	-.01260	1020.91140	110.08150	-.18420
-3.855	4.144	.02200	.03540	-.01300	-.00620	1474.30980	665.37130	-.16760
-3.782	8.130	.02510	.04050	-.01480	-.00290	1466.44800	649.51340	-.16360
	GRADIENT	-.00003	-.00009	.00000	.00104	1.60705	1.87041	.00524

RUN NO. 1991/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.149	-8.164	.02420	.03930	-.01420	-.01470	1458.19749	639.49730	.01500
-.271	-4.260	.02170	.03540	-.01270	-.01150	1456.07961	643.20210	-.00670
-.249	-.054	.02030	.03260	-.01200	-.01050	1347.07710	528.16410	.00120
-.193	3.805	.02130	.03420	-.01260	-.00420	1474.52370	665.84910	.01600
-.106	7.817	.02390	.03860	-.01400	-.00170	1465.17720	647.83540	.03220
	GRADIENT	-.00005	-.00016	.00001	.00090	1.99201	2.35828	.00280

RUN NO. 1992/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.474	-7.680	.02280	.03690	-.01330	-.01050	1457.48830	639.81740	.31010
4.193	-3.845	.02050	.03320	-.01210	-.00620	1450.14040	639.78320	.29680
4.202	.187	.01960	.03120	-.01160	-.01010	1075.90331	207.34550	.28140
3.876	4.133	.02130	.03450	-.01250	-.00040	1473.29570	669.00070	.26810
3.892	7.994	.02340	.03780	-.01370	.00040	1464.41580	646.69140	.28180
	GRADIENT	.00010	.00016	-.00005	.00072	2.55298	3.25735	-.00360

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M025) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1993/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
8.232	-7.806	.02310	.03740	-.01360	-.00880	1457.55470	639.87060	.52970
8.197	-3.798	.02010	.03250	-.01180	-.00500	1450.91550	637.52290	.53200
7.840	.140	.01910	.03070	-.01130	-.01220	1085.11501	221.89310	.49570
8.171	4.142	.02070	.03310	-.01220	-.00170	1470.62570	665.59520	.52510
7.952	8.017	.02330	.03730	-.01370	.00260	1465.05200	648.13530	.53130
	GRADIENT	.00008	.00008	-.00005	.00042	2.73846	3.82849	-.00085

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M026) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1994/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.012	-5.938	.02540	.04180	-.01470	-.02000	1455.79320	644.06930	-.42660
-8.347	-3.884	.02410	.03950	-.01400	-.01780	1445.74170	638.40700	-.45240
-8.240	.278	.02300	.03720	-.01350	-.01330	1566.00000	761.60380	-.44520
-7.935	4.225	.02430	.03950	-.01420	-.00820	1470.75459	662.38350	-.41120
-7.729	6.209	.02550	.04160	-.01480	-.00540	1466.43629	652.91360	-.39520
	GRADIENT	.00002	-.00000	-.00002	.00118	3.31755	3.19729	.00505

RUN NO. 1995/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.209	-6.091	.02340	.03860	-.01360	-.01750	1456.04030	642.39600	-.19750
-4.436	-4.053	.02300	.03780	-.01330	-.01440	1448.89160	641.76070	-.21260
-4.049	.197	.02190	.03560	-.01280	-.01160	2083.63959	1241.54420	-.17790
-3.921	4.242	.02290	.03740	-.01340	-.00490	1469.32671	660.71290	-.16040
-3.620	6.166	.02440	.03980	-.01420	-.00260	1465.31129	651.42290	-.13620
	GRADIENT	-.00001	-.00005	-.00001	.00114	3.70603	3.45918	.00631

IA105A, AEDC PWT-TF470, 0 T S W0/SILTS (W8M026) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1996/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.131	-6.250	.02350	.03860	-.01360	-.01420	1454.82249	640.35330	.04070
-.219	-4.360	.02200	.03640	-.01270	-.01050	1448.61870	640.66940	.02860
-.227	-.204	.02100	.03410	-.01230	-.01000	1257.74899	484.37160	.02830
-.146	3.613	.02150	.03510	-.01250	-.00310	1466.84720	660.31690	.04800
-.054	5.698	.02320	.03800	-.01350	-.00090	1463.63960	649.84890	.07150
	GRADIENT	-.00007	-.00017	.00003	.00092	1.57393	1.87218	.00240

RUN NO. 1997/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.188	-5.719	.02250	.03700	-.01310	-.00810	1455.26640	643.78420	.33220
3.899	-3.707	.02120	.03450	-.01230	-.00610	1443.35640	638.93210	.31900
4.100	.198	.02070	.03350	-.01220	-.00900	1121.73460	322.85160	.31900
3.790	4.038	.02180	.03560	-.01270	-.00150	1464.96561	662.40990	.31240
4.035	6.016	.02330	.03810	-.01350	.00200	1462.80910	651.39090	.33570
	GRADIENT	.00008	.00014	-.00005	.00059	2.55136	2.79592	-.00085

RUN NO. 1998/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.399	-5.751	.02230	.03640	-.01300	-.00510	1454.47510	644.38280	.46450
6.087	-3.755	.02100	.03440	-.01220	-.00570	1444.82570	640.47530	.44280
6.024	.208	.02000	.03220	-.01170	-.00820	1258.07739	426.26980	.44450
5.632	4.013	.02130	.03470	-.01240	-.00180	1464.01640	663.66190	.42400
5.839	5.970	.02250	.03680	-.01310	.00170	1462.75810	654.32230	.44250
	GRADIENT	.00004	.00003	-.00002	.00049	2.12604	2.58876	-.00240

IA105A, AEDC PWT-TF470, O T S WO/SILTS (WBM027) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 1999/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.307	-5.960	.02810	.04650	-.01620	-.01940	1455.47780	644.24170	-.47890
-8.316	-3.905	.02640	.04370	-.01520	-.01830	1447.30440	641.65040	-.47580
-8.271	.323	.02510	.04110	-.01460	-.01480	1515.66920	692.87740	-.47990
-7.990	4.238	.02700	.04430	-.01570	-.00900	1470.94820	660.33420	-.44890
-7.707	6.229	.02820	.04670	-.01630	-.00580	1471.12891	656.05930	-.42390
	GRADIENT	.00007	.00006	-.00006	.00114	3.07988	2.42499	.00325

RUN NO. 2000/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.247	-6.109	.02630	.04360	-.01510	-.01740	1452.12010	639.66870	-.22240
-4.428	-4.076	.02500	.04140	-.01440	-.01410	1444.57500	640.90380	-.23320
-4.072	.192	.02370	.03890	-.01370	-.01160	1126.36450	385.24800	-.20050
-3.944	4.260	.02520	.04160	-.01460	-.00670	1470.16940	660.26930	-.18460
-3.631	6.225	.02620	.04340	-.01510	-.00390	1470.81570	655.26220	-.16160
	GRADIENT	.00002	.00002	-.00002	.00089	2.43280	1.81208	.00585

RUN NO. 2001/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.098	-6.271	.02510	.04150	-.01440	-.01400	1450.52760	637.53470	.03710
-.202	-4.396	.02430	.04010	-.01400	-.01010	1443.71170	639.09500	.02670
-.221	-.130	.02210	.03610	-.01290	-.00950	1233.51070	525.37110	.03230
-.141	3.611	.02370	.03920	-.01370	-.00540	1463.97340	658.20480	.04950
-.073	5.696	.02500	.04140	-.01440	-.00160	1468.56230	654.66160	.05540
	GRADIENT	-.00009	-.00013	.00004	.00058	1.32645	1.71158	.00281

RUN NO. 2002/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.252	-5.690	.02410	.03970	-.01400	-.00750	1449.41260	642.40430	.33670
3.882	-3.712	.02300	.03770	-.01330	-.00590	1438.27080	636.87960	.32010
4.064	.191	.02220	.03590	-.01300	-.00750	1091.63429	356.08690	.32380
3.814	4.010	.02380	.03930	-.01370	-.00270	1465.23140	663.12060	.32210
4.041	6.000	.02480	.04100	-.01430	.00100	1465.22270	656.61400	.33980
	GRADIENT	.00010	.00020	-.00005	.00041	3.15388	3.12272	.00026

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M028) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2003/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.031	-5.973	.03110	.05160	-.01790	-.02080	1461.94090	647.62180	-.47960
-8.325	-3.931	.02980	.04940	-.01720	-.01930	1458.39700	647.43160	-.49330
-8.280	.268	.02730	.04490	-.01590	-.01630	1451.62180	742.69210	-.48510
-7.947	4.240	.03020	.05030	-.01730	-.01970	1470.59230	661.21120	-.45520
-7.751	6.222	.03150	.05260	-.01800	-.00710	1474.82280	658.27100	-.44840
	GRADIENT	.00004	.00010	-.00001	.00117	1.46288	1.88698	.00464

RUN NO. 2004/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.142	-6.133	.02960	.04930	-.01690	-.01810	1457.82890	643.58570	-.22210
-4.435	-4.086	.02790	.04660	-.01600	-.01580	1454.86330	646.03030	-.24270
-4.066	.188	.02600	.04300	-.01500	-.01300	1469.92920	632.50560	-.20900
-3.959	4.271	.02800	.04660	-.01610	-.00760	1467.53830	658.59130	-.19170
-3.647	6.202	.03000	.04990	-.01720	-.00510	1473.24001	657.02100	-.17580
	GRADIENT	.00001	-.00001	-.00001	.00098	1.53243	1.46683	.00612

RUN NO. 2005/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.096	-6.395	.02820	.04700	-.01620	-.01490	1457.38480	642.85520	.03120
-.135	-4.385	.02660	.04440	-.01520	-.01050	1449.63380	642.68680	.03030
-.178	-.226	.02550	.04200	-.01480	-.00980	1410.30080	628.94140	.01900
-.079	3.654	.02640	.04370	-.01520	-.00590	1459.35030	654.12670	.04340
.040	5.714	.02780	.04620	-.01590	-.00360	1470.63820	655.40310	.06800
	GRADIENT	-.00003	-.00009	.00000	.00061	1.08053	1.36624	.00158

RUN NO. 2006/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.177	-5.715	.02630	.04390	-.01510	-.00840	1455.74930	647.26860	.32350
3.869	-3.691	.02540	.04220	-.01460	-.00590	1436.63840	635.56450	.31210
4.099	.188	.02520	.04100	-.01470	-.00880	1280.31149	475.38450	.31470
3.767	4.006	.02630	.04370	-.01510	-.00340	1461.30960	662.13480	.31190
4.078	5.979	.02680	.04440	-.01540	-.00020	1470.25540	660.62790	.33670
	GRADIENT	.00012	.00019	-.00006	.00032	3.09075	3.33423	-.00002

1A105A, AEDC PWT-TF470, O T S W0/SILTS (W8M029) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 0.000 OB-ELV = 11.000

RUN NO. 2007/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.263	-6.066	.03580	.05980	-.02050	-.02400	1479.50510	655.24680	-.53180
-8.354	-3.941	.03430	.05730	-.01960	-.02040	1473.01680	655.05150	-.53740
-8.275	.356	.03360	.05570	-.01940	-.01900	1714.82201	908.69970	-.52820
-7.939	4.257	.03550	.05910	-.02040	-.00910	1486.73390	668.90970	-.50130
-7.698	6.282	.03660	.06150	-.02080	-.00610	1489.00540	663.76030	-.48970
	GRADIENT	.00014	.00021	-.00010	.00136	2.59122	2.65449	.00437

RUN NO. 2008/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.198	-6.171	.03500	.05860	-.02000	-.02070	1478.49100	654.99780	-.24140
-4.443	-4.122	.03280	.05500	-.01870	-.01700	1472.89281	655.56470	-.26240
-4.086	.182	.03270	.05430	-.01880	-.01500	1385.76880	566.16970	-.22830
-3.989	4.299	.03400	.05630	-.01950	-.00690	1484.27170	668.68950	-.21450
-3.583	6.239	.03500	.05830	-.02010	-.00450	1486.18410	663.58060	-.18910
	GRADIENT	.00014	.00015	-.00009	.00119	1.18909	1.39089	.00570

RUN NO. 2009/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.034	-6.384	.03400	.05700	-.01940	-.01660	1476.06490	655.26420	.03060
-.038	-4.408	.03220	.05420	-.01830	-.01370	1469.63451	654.56200	.03020
-.048	-.189	.03080	.05120	-.01770	-.01150	1411.84500	602.64920	.04090
.054	3.654	.03200	.05310	-.01840	-.00540	1476.55521	667.21510	.05520
.196	5.706	.03340	.05540	-.01920	-.00250	1481.02220	662.23660	.07900
	GRADIENT	-.00003	-.00015	-.00001	.00102	.62125	1.34338	.00309

RUN NO. 2010/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.219	-5.675	.03250	.05490	-.01840	-.01110	1470.90010	658.50170	.32660
3.884	-3.632	.03150	.05320	-.01790	-.00950	1460.89771	653.93900	.31070
4.108	.189	.03110	.05150	-.01790	-.00850	1385.00540	566.25120	.31550
3.764	3.985	.03140	.05200	-.01810	-.00320	1473.26050	671.52880	.30640
3.849	5.869	.03220	.05350	-.01850	.00070	1479.10110	666.73580	.32020
	GRADIENT	-.00001	-.00016	-.00003	.00082	1.54406	2.21381	-.00056

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M030) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = 11.000

RUN NO. 2011/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.341	-6.049	.03720	.06200	-.02130	-.02630	1484.71899	656.32930	-.56700
-8.311	-3.956	.03720	.06180	-.02140	-.02200	1478.59641	655.65720	-.56460
-8.286	.369	.03650	.06060	-.02100	-.02080	1618.64870	807.35010	-.56360
-7.957	4.284	.03800	.06280	-.02200	-.00940	1489.76460	666.31080	-.51810
-7.700	6.295	.04020	.06680	-.02310	-.00670	1492.54910	663.75070	-.50260
	GRADIENT	.00009	.00011	-.00007	.00151	1.89670	1.88230	.00555

RUN NO. 2012/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.152	-6.178	.03730	.06210	-.02140	-.02280	1484.68919	656.65010	-.25470
-4.462	-4.136	.03610	.05990	-.02070	-.01860	1480.19510	657.45850	-.28530
-4.085	.185	.03570	.05900	-.02050	-.01690	1332.41479	495.65820	-.24870
-4.011	4.302	.03740	.06160	-.02170	-.00700	1489.45630	667.95040	-.22590
-3.563	6.265	.03790	.06260	-.02190	-.00520	1491.33180	664.38650	-.19250
	GRADIENT	.00015	.00020	-.00012	.00137	.80643	.92432	.00693

RUN NO. 2013/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.088	-6.326	.03640	.06060	-.02080	-.01860	1482.04300	656.56490	.03050
-.029	-4.397	.03590	.05990	-.02050	-.01500	1477.73120	656.43040	.02330
-.071	-.173	.03580	.05940	-.02060	-.01220	1448.46091	638.71090	.02320
.013	3.598	.03590	.05930	-.02080	-.00730	1482.64450	666.40280	.03280
.117	5.683	.03810	.06280	-.02200	-.00450	1486.70970	662.69360	.04580
	GRADIENT	-.00000	-.00008	-.00004	.00096	.46382	1.13859	.00116

RUN NO. 2014/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.224	-5.669	.03790	.06330	-.02170	-.01260	1479.65109	659.45170	.31250
3.904	-3.675	.03610	.06030	-.02070	-.01110	1468.94431	653.81640	.30000
4.113	.188	.03700	.06130	-.02130	-.01080	1353.09790	508.48120	.29580
3.790	3.983	.03610	.05980	-.02080	-.00440	1482.93510	671.78540	.28900
4.108	5.943	.03700	.06120	-.02130	-.00090	1487.51950	667.62210	.31630
	GRADIENT	.00000	-.00006	-.00001	.00087	1.72983	2.22442	-.00144

1A105A, AEDC PWT-TF470, O T S W/SILTS (WBM031) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1631/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.094	-6.138	.03260	.05420	-.01870	-.02800	1484.66431	654.72290	-.56830
-8.371	-3.990	.03170	.05220	-.01840	-.02360	1478.27470	651.66720	-.57870
-8.265	.335	.03160	.05210	-.01830	-.01850	586.27080	-826.43310	-.56330
-8.061	4.304	.03350	.05510	-.01940	-.00820	1494.05350	675.04000	-.54280
-7.733	6.315	.03570	.05900	-.02060	-.00670	1494.88890	669.93360	-.53360
	GRADIENT	.00021	.00034	-.00012	.00185	-1.20452	-2.32540	.00432

RUN NO. 1632/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.147	-6.188	.03240	.05370	-.01860	-.02410	1483.00121	654.39330	-.26890
-4.179	-4.121	.03180	.05260	-.01830	-.01990	1478.05811	652.23950	-.27010
-4.116	.184	.03030	.05010	-.01750	-.01690	1398.84810	525.31740	-.24890
-3.998	4.327	.03210	.05270	-.01860	-.00640	1493.24370	677.11960	-.24510
-3.597	6.285	.03280	.05400	-.01900	-.00510	1494.16310	671.05980	-.22010
	GRADIENT	.00003	.00001	-.00003	.00159	1.60553	2.73314	.00297

RUN NO. 1633/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.020	-6.399	.03220	.05350	-.01850	-.02040	1482.31450	654.44290	.00570
-.089	-4.215	.03090	.05140	-.01770	-.01630	1474.86940	651.42580	-.00030
-.105	-.201	.02990	.04950	-.01730	-.01400	1430.79221	593.61670	.01100
-.029	3.678	.03080	.05070	-.01780	-.00510	1490.82980	677.63350	.01840
.099	5.702	.03120	.05120	-.01810	-.00330	1491.32910	670.56590	.03580
	GRADIENT	-.00001	-.00009	-.00001	.00141	1.94664	3.21759	.00237

RUN NO. 1634/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.295	-5.626	.03160	.05250	-.01810	-.01370	1477.03130	654.19600	.29560
4.110	-3.675	.03020	.05040	-.01730	-.01330	1468.83350	648.64790	.29020
3.975	.197	.02990	.04940	-.01720	-.01150	1382.49049	518.86720	.27650
3.801	3.949	.03010	.04960	-.01740	-.00340	1490.08009	682.06450	.27480
3.879	5.837	.03030	.04990	-.01750	-.00040	1491.61740	675.16580	.29020
	GRADIENT	-.00001	-.00011	-.00001	.00129	2.65483	4.18506	-.00203

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M032) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1635/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.341	-6.127	.03230	.05370	-.01860	-.03030	1485.85420	654.09280	-.57440
-8.380	-3.986	.02990	.04900	-.01740	-.02610	1479.28149	652.01810	-.57350
-8.297	.370	.02840	.04680	-.01650	-.01820	-2682.38129	-6084.01562	-.55140
-8.008	4.324	.03110	.05090	-.01810	-.00940	1494.71359	675.49170	-.52510
-7.743	6.339	.03210	.05300	-.01660	-.00680	1495.95171	669.36840	-.52450
	GRADIENT	.00014	.00022	-.00008	.00201	-14.33100	-23.37406	.00581

RUN NO. 1636/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.021	-6.101	.02950	.04880	-.01700	-.02510	1484.15060	653.63060	-.25590
-4.201	-4.115	.02910	.04750	-.01690	-.02150	1478.87790	651.37840	-.26310
-4.114	.195	.02820	.04650	-.01630	-.01730	1378.51540	488.57740	-.23260
-4.005	4.326	.02970	.04860	-.01730	-.00720	1495.30470	677.37060	-.22600
-3.612	6.292	.03090	.05080	-.01790	-.00490	1495.97169	670.55710	-.21070
	GRADIENT	.00007	.00013	-.00005	.00169	1.76416	3.78476	.00441

RUN NO. 1637/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.024	-6.366	.02870	.04760	-.01650	-.02180	1483.68730	653.89970	.01200
-.073	-4.234	.02770	.04590	-.01600	-.01720	1477.37990	651.72090	.00990
-.067	-.221	.02760	.04570	-.01590	-.01510	1424.81400	583.23070	.02520
-.007	3.671	.02800	.04620	-.01610	-.00600	1494.32520	679.14160	.02740
.100	5.711	.02900	.04770	-.01680	-.00430	1494.91020	671.52710	.03950
	GRADIENT	.00004	.00004	-.00001	.00141	2.06512	3.36305	.00222

RUN NO. 1638/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.208	-5.636	.02860	.04760	-.01650	-.01510	1479.36279	652.97270	.29030
4.101	-3.667	.02800	.04650	-.01610	-.01320	1470.29100	646.87720	.28850
3.997	.207	.02830	.04660	-.01640	-.01150	1354.48410	470.11670	.27790
3.777	3.960	.02810	.04620	-.01630	-.00330	1493.92770	682.09400	.27100
3.845	5.840	.02810	.04580	-.01640	-.00140	1494.24800	674.58010	.27850
	GRADIENT	.00001	-.00004	-.00003	.00156	2.92318	4.34951	-.00230

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M033) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1639/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.276	-6.081	.02890	.04790	-.01660	-.02910	1486.76590	652.79710	-.57740
-8.422	-3.961	.02810	.04650	-.01620	-.02660	1480.59770	651.02200	-.57790
-8.310	.391	.02700	.04470	-.01550	-.01830	4969.99219	6641.86719	-.55340
-8.054	4.358	.02740	.04510	-.01590	-.01010	1494.97360	674.20460	-.54300
-7.708	6.359	.02890	.04780	-.01670	-.00730	1496.63750	667.96510	-.52800
	GRADIENT	-.00009	-.00017	.00004	.00198	14.66639	25.00304	.00422

RUN NO. 1640/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.233	-6.172	.02820	.04720	-.01610	-.02420	1486.76270	652.85840	-.27880
-4.248	-4.129	.02710	.04480	-.01570	-.02190	1480.41890	650.61130	-.27030
-4.125	.235	.02680	.04460	-.01540	-.01640	1380.52980	480.59590	-.22980
-4.013	4.349	.02760	.04530	-.01600	-.00730	1495.56081	674.99510	-.23160
-3.602	6.274	.02850	.04730	-.01640	-.00490	1496.57449	668.29470	-.22040
	GRADIENT	.00006	.00006	-.00003	.00172	1.53743	2.45466	.00461

RUN NO. 1641/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.155	-6.413	.02740	.04600	-.01560	-.02080	1486.05270	652.69120	-.01110
-.245	-4.234	.02670	.04410	-.01540	-.01830	1478.55709	651.17600	-.01240
-.220	-.222	.02620	.04340	-.01510	-.01630	1427.54761	580.91850	.00720
-.173	3.658	.02630	.04350	-.01510	-.00700	1492.47900	674.38870	.00730
-.092	5.693	.02840	.04730	-.01630	-.00450	1495.65480	668.67140	.01730
	GRADIENT	-.00005	-.00008	.00004	.00143	1.68063	2.82525	.00251

RUN NO. 1645/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.120	-5.675	.02710	.04480	-.01560	-.01740	1485.58180	657.63280	.27700
4.144	-3.634	.02560	.04200	-.01490	-.01560	1477.90311	651.91430	.27850
3.984	.244	.02590	.04270	-.01500	-.01080	1207.97780	269.50950	.26670
3.717	3.976	.02670	.04420	-.01540	-.00360	1487.11079	668.59840	.25830
3.983	5.936	.02730	.04530	-.01570	-.00130	1491.99271	666.39010	.27480
	GRADIENT	.00014	.00029	-.00007	.00157	.74750	1.53411	-.00266

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M034) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = -2.000

RUN NO. 1646/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.476	-6.052	.02710	.04480	-.01560	-.02780	1488.87820	653.80980	-.57000
-8.492	-3.898	.02630	.04390	-.01500	-.02620	1485.87379	656.14870	-.56330
-8.388	.466	.02440	.04080	-.01400	-.01800	1504.73950	759.00440	-.53970
-7.979	4.446	.02550	.04220	-.01470	-.01040	1490.40669	666.43210	-.52970
-7.726	6.446	.02610	.04340	-.01500	-.00740	1493.54829	662.63820	-.52580
	GRADIENT	-.00010	-.00021	.00004	.00189	.60407	1.59192	.00405

RUN NO. 1647/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.399	-6.182	.02690	.04550	-.01520	-.02340	1489.17329	653.83810	-.28300
-4.387	-4.098	.02640	.04400	-.01510	-.02150	1485.53780	655.49510	-.27820
-4.226	.319	.02510	.04180	-.01440	-.01510	1429.32790	848.40800	-.24590
-3.944	4.429	.02520	.04160	-.01450	-.00760	1490.79170	666.62650	-.23710
-3.575	6.356	.02610	.04340	-.01500	-.00480	1493.75490	662.10350	-.22120
	GRADIENT	-.00014	-.00028	.00007	.00163	.45036	1.83216	.00485

RUN NO. 1648/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.304	-6.476	.02610	.04410	-.01480	-.01980	1489.67039	653.73830	-.02080
-.364	-4.295	.02540	.04220	-.01460	-.01790	1484.10570	655.91580	-.02250
-.384	-.283	.02440	.04040	-.01400	-.01580	1474.87300	633.11330	-.01600
-.342	3.576	.02530	.04190	-.01460	-.00730	1488.88921	666.16800	-.01230
-.272	5.621	.02610	.04370	-.01490	-.00400	1493.07761	661.06980	-.00370
	GRADIENT	-.00001	-.00004	.00000	.00134	.58850	1.25633	.00130

RUN NO. 1649/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.247	-5.525	.02480	.04120	-.01420	-.01510	1487.69460	654.96900	.26220
4.136	-3.541	.02450	.04020	-.01420	-.01260	1481.86830	652.04710	.26430
3.791	.327	.02420	.04000	-.01400	-.01160	1397.66940	501.41600	.24460
3.679	4.002	.02490	.04140	-.01430	-.00420	1491.04739	669.47440	.24450
3.691	5.854	.02670	.04470	-.01530	-.00110	1493.28931	663.13040	.25010
	GRADIENT	.00005	.00016	-.00001	.00111	1.01561	1.94925	-.00265

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M035) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1528/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.084	-7.877	.02540	.04050	-.01510	-.02150	1459.47090	641.61110	-.44100
-8.155	-3.668	.02330	.03700	-.01390	-.01770	1454.32471	637.65140	-.44790
-7.925	.345	.02190	.03440	-.01310	-.01460	1731.71970	980.50590	-.41710
-7.642	4.240	.02330	.03670	-.01390	-.00890	1480.41499	671.37060	-.38480
-7.707	8.183	.02580	.04090	-.01540	-.00590	1466.62700	646.75710	-.39370
	GRADIENT	-.00000	-.00004	.00000	.00111	3.63146	4.67364	.00798

RUN NO. 1529/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.217	-8.003	.02450	.03900	-.01450	-.01880	1457.53760	638.99540	-.22930
-4.263	-3.780	.02170	.03450	-.01290	-.01470	1452.92329	637.97880	-.23250
-3.895	.182	.02090	.03280	-.01250	-.01200	1268.00900	399.00000	-.19080
-3.857	4.142	.02190	.03450	-.01310	-.00630	1479.63380	671.19950	-.17070
-3.787	8.144	.02500	.03980	-.01480	-.00420	1466.21310	646.25680	-.16060
	GRADIENT	.00003	-.00000	-.00003	.00106	3.36890	4.18990	.00780

RUN NO. 1530/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.180	-8.340	.02390	.03810	-.01410	-.01530	1456.40939	635.80590	-.00900
-.271	-4.286	.02110	.03380	-.01250	-.01200	1451.65601	637.32250	-.02080
-.277	-.259	.01990	.03130	-.01190	-.01040	1390.73660	564.38840	-.01650
-.241	3.736	.02100	.03310	-.01250	-.00430	1483.50369	675.79740	-.00470
-.154	7.758	.02380	.03800	-.01410	-.00300	1468.10719	648.79370	.01350
	GRADIENT	-.00001	-.00009	.00000	.00096	3.94366	4.76453	.00201

RUN NO. 1531/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.219	-7.787	.02250	.03590	-.01330	-.01170	1455.13600	635.41530	.28780
4.233	-3.881	.02040	.03260	-.01210	-.00670	1445.72830	632.83230	.27900
4.241	.191	.02000	.03130	-.01200	-.01010	1327.99150	482.54300	.27260
3.872	4.126	.02080	.03320	-.01230	-.00110	1480.73970	678.37700	.25370
3.860	7.959	.02350	.03740	-.01390	-.00130	1468.37939	648.85890	.25920
	GRADIENT	.00005	.00007	-.00002	.00069	4.17934	5.44081	-.00315

1A105A, AEDC PWT-TF470, O T S WO/SILTS (W8M035) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1532/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
8.216	-7.684	.02290	.03660	-.01360	-.00940	1454.80811	635.79080	.51580
8.244	-3.814	.01990	.03150	-.01180	-.00470	1446.05130	630.19210	.51350
8.171	.204	.01880	.02960	-.01120	-.01270	1332.50050	487.53640	.49980
7.982	4.165	.02000	.03180	-.01190	-.00290	1480.09081	675.71850	.49450
7.966	8.027	.02310	.03670	-.01370	.00140	1471.71040	653.55420	.50630
	GRADIENT	.00001	.00004	-.00001	.00022	4.18904	5.60809	-.00238

1A105A, AEDC PWT-TF470, O T S WO/SILTS (W8M036) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1536/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.221	-5.922	.02480	.03960	-.01470	-.02040	1460.50369	647.10520	-.45480
-8.224	-3.802	.02360	.03760	-.01400	-.01770	1455.14751	644.37500	-.45770
-8.073	.357	.02260	.03590	-.01340	-.01390	1415.15581	686.96310	-.44250
-7.973	4.213	.02390	.03790	-.01420	-.00780	1467.26810	659.50850	-.41890
-7.788	6.243	.02500	.03990	-.01480	-.00540	1463.81351	651.33080	-.40490
	GRADIENT	.00003	.00003	-.00002	.00123	1.36681	1.99737	.00483

RUN NO. 1537/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.284	-6.077	.02370	.03780	-.01400	-.01790	1459.95869	644.74930	-.22140
-4.315	-3.948	.02230	.03590	-.01320	-.01470	1456.23019	646.11600	-.22490
-3.995	.192	.02190	.03500	-.01300	-.01160	1432.35860	561.11080	-.18740
-3.936	4.257	.02260	.03610	-.01340	-.00500	1465.64090	657.68680	-.16820
-3.694	6.258	.02420	.03870	-.01430	-.00340	1463.37450	650.35820	-.14880
	GRADIENT	.00004	.00002	-.00002	.00118	1.12570	1.34286	.00692

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M036) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1538/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.212	-6.442	.02290	.03680	-.01340	-.01480	1459.14720	642.89230	.01340
-.263	-4.428	.02190	.03540	-.01290	-.01170	1456.80859	645.54810	.00340
-.278	-.393	.02070	.03300	-.01230	-.00990	1432.75999	617.95900	.00190
-.209	3.621	.02120	.03390	-.01250	-.00360	1462.74290	656.17190	.01940
-.149	5.634	.02310	.03710	-.01360	-.00140	1462.55881	650.45290	.03270
	GRADIENT	-.00009	-.00019	.00005	.00101	.73153	1.31291	.00199

RUN NO. 1539/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.146	-5.695	.02200	.03550	-.01290	-.00870	1457.25240	644.48610	.31300
4.139	-3.776	.02070	.03320	-.01220	-.00680	1451.10789	643.25420	.31240
4.108	.197	.02060	.03270	-.01230	-.00920	1388.02730	551.96140	.30360
3.812	4.027	.02150	.03460	-.01270	-.00170	1460.83620	658.64840	.29170
3.827	5.932	.02300	.03690	-.01350	.00130	1461.90359	651.74070	.30020
	GRADIENT	.00010	.00018	-.00006	.00065	1.13987	1.81714	-.00265

RUN NO. 1540/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.189	-5.705	.02220	.03570	-.01310	-.00600	1456.68291	645.28540	.42770
6.107	-3.738	.02060	.03310	-.01210	-.00600	1450.74049	644.82570	.42750
6.067	.214	.01960	.03110	-.01170	-.00870	1406.15140	569.13600	.42700
5.895	4.110	.02070	.03340	-.01220	-.00180	1460.45410	660.30760	.42370
5.749	5.950	.02250	.03630	-.01320	.00130	1461.94090	654.82200	.41290
	GRADIENT	.00001	.00004	-.00001	.00053	1.20784	1.92231	-.00048

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M037) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1541/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.126	-5.946	.02850	.04570	-.01690	-.01980	1460.44701	646.18040	-.48810
-8.206	-3.865	.02530	.04050	-.01490	-.01800	1450.43190	640.97560	-.48030
-8.124	.288	.02450	.03890	-.01450	-.01530	3127.60229	795.81860	-.47450
-7.961	4.225	.02650	.04240	-.01570	-.00800	1460.87450	657.15580	-.44360
-7.779	6.245	.02770	.04480	-.01630	-.00590	1465.75780	654.25610	-.43120
	GRADIENT	.00015	.00023	-.00010	.00123	4.96625	2.32211	.00451

RUN NO. 1542/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.280	-6.083	.02510	.04040	-.01480	-.01770	1455.88940	641.57080	-.24080
-4.300	-3.971	.02410	.03860	-.01420	-.01430	1447.97090	641.11650	-.23860
-4.022	.188	.02280	.03640	-.01350	-.01200	1518.32520	652.49880	-.20150
-3.958	4.270	.02450	.03940	-.01450	-.00570	1459.53661	657.13160	-.18210
-3.701	6.259	.02590	.04180	-.01530	-.00400	1466.18089	654.08840	-.16920
	GRADIENT	.00005	.00010	-.00004	.00104	1.45184	1.94568	.00686

RUN NO. 1543/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.185	-6.421	.02490	.04010	-.01460	-.01480	1456.33501	641.23750	.00910
-.247	-4.443	.02390	.03840	-.01410	-.01120	1452.09160	644.15820	.00370
-.279	-.412	.02180	.03480	-.01300	-.00920	1415.31540	613.64790	.00490
-.188	3.611	.02300	.03710	-.01350	-.00510	1453.21561	653.60690	.02730
-.095	5.641	.02490	.04030	-.01460	-.00110	1463.55270	653.56960	.04300
	GRADIENT	-.00011	-.00016	.00007	.00076	.13649	1.17024	.00293

RUN NO. 1544/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.131	-5.674	.02370	.03820	-.01390	-.00820	1452.03520	643.84770	.31240
4.127	-3.764	.02240	.03610	-.01320	-.00640	1443.96001	641.19170	.31630
4.092	.197	.02170	.03450	-.01290	-.00720	1398.52980	584.28810	.31070
3.821	4.022	.02330	.03770	-.01360	-.00230	1456.53391	659.94780	.29890
3.837	5.920	.02410	.03900	-.01410	.00070	1460.88989	655.89650	.30290
	GRADIENT	.00011	.00020	-.00005	.00052	1.53750	2.30971	-.00223

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M038) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1545/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.019	-5.962	.03000	.04790	-.01770	-.02110	1465.59641	648.45120	-.49730
-8.253	-3.833	.02860	.04590	-.01690	-.01960	1459.98190	646.07030	-.50620
-8.083	.388	.02630	.04190	-.01560	-.01670	1143.58369	797.93680	-.47650
-7.950	4.239	.02890	.04660	-.01700	-.00860	1468.24319	662.41920	-.45820
-7.798	6.265	.03060	.04970	-.01790	-.00660	1475.99049	661.04350	-.45230
	GRADIENT	.00003	.00007	-.00001	.00135	-.19282	2.56891	.00596

RUN NO. 1546/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.260	-6.107	.02810	.04530	-.01650	-.01840	1463.64529	646.91870	-.24870
-4.310	-3.990	.02680	.04320	-.01570	-.01600	1458.28641	645.84620	-.25000
-4.014	.184	.02520	.04050	-.01490	-.01290	1505.70171	627.72830	-.21370
-3.978	4.288	.02730	.04400	-.01610	-.00590	1465.29590	660.71950	-.19440
-3.697	6.279	.02890	.04680	-.01700	-.00530	1473.30370	659.19700	-.17780
	GRADIENT	.00006	.00009	-.00005	.00122	.87668	1.77923	.00672

RUN NO. 1547/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.132	-6.433	.02730	.04410	-.01600	-.01520	1462.96240	645.95120	.01090
-.196	-4.442	.02610	.04240	-.01530	-.01220	1465.94580	643.92800	.00310
-.211	-.415	.02490	.03990	-.01470	-.01000	1432.17500	613.82010	.00120
-.115	3.607	.02570	.04150	-.01510	-.00520	1451.14970	652.31420	.02590
-.045	5.635	.02700	.04370	-.01590	-.00270	1469.23579	657.45830	.03820
	GRADIENT	-.00005	-.00011	.00002	.00087	-.59711	1.04002	.00283

RUN NO. 1548/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.181	-5.626	.02560	.04160	-.01500	-.00920	1460.20650	648.84590	.31590
4.132	-3.757	.02470	.04000	-.01450	-.00610	1443.74071	639.81540	.31320
4.034	.192	.02450	.03900	-.01460	-.00830	1450.09399	609.20170	.29310
3.816	4.002	.02520	.04080	-.01480	-.00270	1455.35941	662.38750	.29090
3.858	5.895	.02740	.04450	-.01600	.00050	1468.32739	662.02250	.30490
	GRADIENT	.00006	.00010	-.00004	.00043	1.49810	2.84436	-.00289

1A105A, AEDC PWT-TF470, O T S W0/SILTS (W8M039) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
1B-ELV = 10.000 0B-ELV = 5.000

RUN NO. 1549/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.242	-6.026	.03470	.05570	-.02040	-.02360	1479.77541	653.92630	-.55360
-8.195	-3.873	.03310	.05330	-.01940	-.02110	1472.76640	650.97830	-.54340
-8.102	.374	.03300	.05300	-.01950	-.01710	5607.94922	7771.66412	-.52570
-7.957	4.263	.03400	.05470	-.02010	-.00830	1485.82640	670.10960	-.50350
-7.791	6.294	.03550	.05740	-.02080	-.00670	1488.82100	666.16580	-.50330
	GRADIENT	.00011	.00017	-.00009	.00156	16.48589	27.98191	.00489

RUN NO. 1550/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.272	-6.180	.03360	.05420	-.01980	-.01980	1478.45869	653.44070	-.26560
-4.288	-3.994	.03140	.05100	-.01840	-.01680	1472.38890	651.44120	-.26680
-4.312	.178	.03150	.05060	-.01860	-.01550	1422.31760	555.11110	-.23120
-3.992	4.298	.03280	.05270	-.01930	-.00620	1484.09990	671.54640	-.22260
-3.643	6.313	.03400	.05480	-.02000	-.00520	1486.72440	666.22560	-.19800
	GRADIENT	.00017	.00020	-.00011	.00128	1.38426	2.37126	.00534

RUN NO. 1551/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.004	-6.471	.03270	.05310	-.01920	-.01660	1476.38210	653.56960	.01240
-.093	-4.441	.03110	.05080	-.01810	-.01420	1470.92140	651.81710	.00600
-.094	-.414	.02950	.04770	-.01730	-.01200	1453.11180	619.96390	.02160
.000	3.621	.03110	.05000	-.01830	-.00460	1475.75101	669.28130	.03460
.144	5.633	.03230	.05200	-.01900	-.00310	1481.66530	665.70020	.06030
	GRADIENT	.00000	-.00010	-.00002	.00119	.60078	2.16958	.00355

RUN NO. 1552/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.255	-5.673	.03200	.05260	-.01850	-.01150	1470.84129	655.39180	.31980
4.115	-3.746	.03050	.05010	-.01770	-.00950	1463.49710	651.96510	.31240
4.019	.192	.03040	.04890	-.01790	-.00950	1441.53931	581.85940	.30510
3.871	3.980	.03040	.04910	-.01790	-.00340	1472.60229	674.47730	.30340
3.896	5.868	.03150	.05090	-.01850	.00000	1479.85640	670.45260	.31660
	GRADIENT	-.00001	-.00013	-.00003	.00078	1.13353	2.77593	-.00117

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M040) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
1B-ELV = 10.000 0B-ELV = 5.000

RUN NO. 1553/ C RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.267	-6.032	.03720	.05950	-.02200	-.02570	1484.60820	654.65060	-.58010
-8.217	-3.875	.03610	.05770	-.02130	-.02170	1477.56419	651.17040	-.57480
-8.093	.375	.03530	.05650	-.02090	-.01770	1677.35249	973.52250	-.55610
-7.978	4.276	.03750	.05970	-.02230	-.00870	1490.39310	669.76420	-.52750
-7.740	6.333	.03890	.06220	-.02300	-.00800	1492.91110	666.38870	-.51020
	GRADIENT	.00017	.00024	-.00012	.00159	2.24893	3.37412	.00578

RUN NO. 1560/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.330	-6.233	.03730	.06100	-.02170	-.02340	1481.73019	653.03000	-.29410
-4.174	-4.006	.03570	.05880	-.02070	-.01890	1475.97169	651.23140	-.28770
-3.306	.178	.03590	.05910	-.02070	-.01430	1364.67850	497.55830	-.24200
-4.001	4.455	.03630	.05950	-.02110	-.00590	1491.30540	671.84740	-.22910
-3.688	6.358	.03730	.06100	-.02170	-.00560	1493.80000	669.33470	-.20670
	GRADIENT	.00007	.00008	-.00005	.00154	1.91473	2.57782	.00691

RUN NO. 1561/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.012	-6.409	.03660	.06030	-.02120	-.01910	1478.96240	651.80760	.00810
-.075	-4.396	.03430	.05680	-.01980	-.01480	1473.81300	649.67140	.00430
-.113	-.350	.03470	.05730	-.02010	-.01270	1447.09010	616.63040	.00510
-.030	3.704	.03550	.05830	-.02060	-.00540	1487.65140	674.48240	.01560
.116	5.852	.03790	.06200	-.02210	-.00350	1489.29300	667.72800	.03910
	GRADIENT	.00015	.00019	-.00010	.00116	1.71120	3.06675	.00140

RUN NO. 1562/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.246	-5.620	.03690	.06100	-.02130	-.01300	1474.97000	652.02610	.30860
4.110	-3.696	.03550	.05870	-.02040	-.01190	1465.50290	646.24460	.30460
3.896	.199	.03620	.05980	-.02090	-.01110	1388.38210	527.64750	.27820
3.839	3.937	.03580	.05900	-.02070	-.00390	1486.86771	679.15230	.28140
3.885	5.830	.03630	.05940	-.02110	-.00090	1489.96120	673.70700	.29600
	GRADIENT	.00004	.00004	-.00004	.00104	2.64231	4.07022	-.00307

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1563/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.307	-6.109	.03520	.05790	-.02040	-.02960	1482.67630	653.10280	-.57140
-8.191	-3.915	.03330	.05460	-.01940	-.02350	1476.43820	650.19600	-.54760
-8.185	.342	.03160	.05190	-.01830	-.01700	2807.30130	2847.25339	-.53800
-8.015	4.313	.03430	.05610	-.01990	-.00990	1491.94971	672.46880	-.52210
-7.783	6.377	.03610	.05920	-.02100	-.00840	1494.45090	668.66700	-.51370
	GRADIENT	.00012	.00017	-.00006	.00165	5.62065	8.87849	.00309

RUN NO. 1564/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.953	-6.221	.03270	.05380	-.01890	-.02600	1482.53050	653.42430	-.38190
-6.285	-4.045	.03230	.05310	-.01870	-.02180	1475.66969	650.43020	-.40800
-6.197	.213	.03100	.05110	-.01790	-.01590	1192.72830	181.49510	-.38480
-6.009	4.288	.03450	.05680	-.02000	-.00880	1492.36349	675.12870	-.36340
-5.908	6.366	.03580	.05850	-.02080	-.00750	1494.36720	669.44460	-.36120
	GRADIENT	.00026	.00044	-.00015	.00156	1.49300	2.12078	.00535

RUN NO. 1565/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.167	.206	.03110	.05140	-.01790	-.01640	1407.37621	543.13920	-.23780
-4.040	4.344	.03260	.05340	-.01900	-.00750	1492.58940	676.02320	-.22770
-3.642	6.367	.03330	.05460	-.01940	-.00680	1493.55710	669.49410	-.20300
	GRADIENT	.00036	.00048	-.00027	.00215	20.59136	32.11077	.00244

RUN NO. 1566/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.015	-6.207	.03210	.05290	-.01860	-.02030	1480.25760	652.51610	.01550
-.059	-4.209	.03140	.05170	-.01810	-.01620	1474.05099	650.14090	.01750
-.077	-.329	.03020	.04980	-.01740	-.01410	1440.46410	601.53470	.02790
.039	3.838	.03050	.05010	-.01770	-.00570	1489.00310	675.21630	.04670
.172	5.826	.03190	.05220	-.01850	-.00440	1490.32520	669.60890	.06710
	GRADIENT	-.00011	-.00020	.00005	.00131	1.97861	3.29534	.00364

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M041) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1567/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.284	-5.563	.03190	.05280	-.01840	-.01420	1475.97580	652.26100	.30710
4.113	-3.684	.03160	.05220	-.01820	-.01340	1467.46170	646.91140	.29890
3.992	.196	.02990	.04940	-.01730	-.01150	1396.27930	539.39400	.29490
3.798	3.931	.03060	.05040	-.01780	-.00440	1490.95531	682.85230	.29550
3.872	5.832	.03110	.05090	-.01810	-.00140	1492.18900	676.12160	.30580
	GRADIENT	-.00013	-.00024	.00005	.00118	2.94643	4.50979	-.00045

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M042) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1568/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.238	-6.092	.03190	.05220	-.01850	-.03000	1484.21970	652.31470	-.55250
-8.307	-3.919	.03030	.04940	-.01770	-.02650	1477.92870	650.22020	-.55860
-8.140	.350	.02840	.04670	-.01650	-.01700	2032.53999	1540.40010	-.52030
-8.012	4.315	.03130	.05130	-.01820	-.01040	1492.77490	673.17240	-.50830
-7.758	6.417	.03280	.05390	-.01900	-.00880	1494.51900	668.42330	-.49830
	GRADIENT	.00011	.00022	-.00006	.00196	3.44120	5.41819	.00615

RUN NO. 1569/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.270	-6.214	.02970	.04890	-.01720	-.02610	1483.90939	653.13680	-.26320
-4.309	-4.041	.02930	.04800	-.01700	-.02140	1477.87570	650.05660	-.25650
-4.105	.197	.02850	.04690	-.01650	-.01500	1376.54660	485.66190	-.21620
-4.026	4.355	.02970	.04870	-.01730	-.00790	1493.60670	674.90750	-.20780
-3.659	6.375	.03170	.05200	-.01840	-.00670	1494.61250	668.03440	-.18990
	GRADIENT	.00005	.00008	-.00004	.00161	1.79208	2.82790	.00581

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M042) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1570/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.005	-6.212	.02900	.04790	-.01670	-.02160	1482.02150	652.22750	.02020
-.047	-4.195	.02840	.04680	-.01650	-.01740	1476.63989	650.78740	.02620
-.037	-.339	.02780	.04590	-.01600	-.01510	1431.38651	588.82520	.03900
.040	3.843	.02810	.04630	-.01620	-.00630	1493.82809	677.78100	.04590
.148	5.821	.02920	.04790	-.01700	-.00540	1494.01830	669.90870	.05950
	GRADIENT	-.00004	-.00006	.00004	.00139	2.31827	3.61015	.00244

RUN NO. 1571/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.289	-5.563	.02880	.04750	-.01660	-.01500	1478.21660	651.45800	.30730
4.098	-3.679	.02820	.04650	-.01630	-.01560	1470.80881	646.82280	.29700
3.967	.211	.02830	.04660	-.01630	-.01090	1371.89970	499.13280	.29080
3.789	3.935	.02820	.04650	-.01630	-.00480	1493.80670	680.96780	.28370
3.875	5.840	.02860	.04670	-.01660	-.00280	1494.14670	674.05710	.29140
	GRADIENT	.00000	.00000	.00000	.00142	2.80876	4.16934	-.00175

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M043) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1573/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.262	-6.073	.02960	.04900	-.01710	-.02940	1485.43120	651.94290	-.57140
-8.310	-3.897	.02830	.04680	-.01630	-.02610	1479.17850	649.70290	-.56380
-8.124	.396	.02680	.04420	-.01550	-.01760	1664.35989	942.65920	-.52840
-8.020	4.360	.02820	.04660	-.01630	-.01070	1492.90430	670.35210	-.51840
-7.810	6.432	.03040	.05020	-.01760	-.00880	1495.02271	666.90770	-.51890
	GRADIENT	-.00002	-.00003	.00000	.00187	2.23480	3.40824	.00554

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M043) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1575/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.287	-6.166	.02930	.04890	-.01680	-.02490	1485.66090	652.27470	-.27670
-4.374	-4.036	.02770	.04580	-.01600	-.02180	1478.91850	649.50560	-.27180
-4.114	.232	.02670	.04430	-.01540	-.01480	1387.51390	500.74660	-.21740
-4.065	4.376	.02800	.04630	-.01620	-.00770	1494.13699	672.48680	-.21290
-3.699	6.409	.02960	.04910	-.01710	-.00610	1495.58791	666.26460	-.20790
	GRADIENT	.00003	.00006	-.00002	.00168	1.69305	2.54408	.00703

RUN NO. 1577/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.159	-6.360	.02750	.04590	-.01580	-.02180	1485.72881	653.03340	-.00340
-.231	-4.245	.02660	.04400	-.01530	-.01850	1478.74020	651.57960	-.00120
-.182	-.362	.02600	.04290	-.01510	-.01610	1434.66161	593.38670	.02390
-.138	3.676	.02700	.04470	-.01560	-.00730	1492.39549	673.61550	.02470
-.044	5.859	.02860	.04720	-.01650	-.00560	1495.33960	667.18040	.03580
	GRADIENT	.00005	.00009	-.00004	.00142	1.80790	2.89605	.00325

RUN NO. 1578/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.254	-5.587	.02650	.04380	-.01530	-.01820	1480.60350	651.11330	.28810
4.102	-3.647	.02630	.04340	-.01520	-.01590	1472.53081	644.39310	.28770
3.884	.245	.02620	.04310	-.01520	-.00940	1336.25880	454.28880	.27520
3.769	3.962	.02640	.04370	-.01520	-.00520	1493.86470	676.84110	.27100
3.796	5.837	.02810	.04650	-.01620	-.00250	1496.08350	671.43900	.27590
	GRADIENT	.00001	.00004	.00000	.00141	2.50845	3.84969	-.00220

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M044) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 10.000 OB-ELV = 5.000

RUN NO. 1579/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.428	-6.030	.02690	.04370	-.01570	-.02910	1484.64360	649.37720	-.56690
-8.411	-3.855	.02610	.04310	-.01510	-.02620	1479.36990	648.53690	-.55600
-8.231	.475	.02450	.04060	-.01420	-.01780	1602.87891	874.66820	-.52240
-8.012	4.455	.02540	.04210	-.01470	-.01130	1494.83980	671.05760	-.52190
-7.763	6.494	.02640	.04380	-.01520	-.00900	1495.29170	664.23360	-.51330
	GRADIENT	-.00009	-.00013	.00005	.00180	2.25302	3.43701	.00416

RUN NO. 1580/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.462	-6.161	.02660	.04450	-.01520	-.02490	1484.39600	648.65060	-.28550
-4.481	-4.016	.02570	.04290	-.01480	-.02140	1480.09689	648.79200	-.28130
-4.183	.312	.02480	.04110	-.01420	-.01450	1307.56490	314.29420	-.23170
-3.959	4.439	.02520	.04190	-.01450	-.00830	1495.49370	671.40110	-.22620
-3.646	6.504	.02670	.04430	-.01530	-.00640	1495.74780	663.98660	-.21430
	GRADIENT	-.00006	-.00012	.00004	.00155	1.48284	2.02527	.00656

RUN NO. 1581/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.308	-6.308	.02620	.04390	-.01500	-.01980	1484.66409	648.06320	-.01670
-.386	-4.257	.02560	.04250	-.01470	-.01870	1477.90550	647.96610	-.02240
-.375	-.423	.02450	.04050	-.01420	-.01560	1441.28081	597.02320	-.00950
-.309	3.750	.02520	.04200	-.01450	-.00730	1495.77341	673.60620	-.00010
-.228	5.739	.02630	.04370	-.01510	-.00480	1496.42630	664.78000	.01040
	GRADIENT	-.00005	-.00006	.00002	.00143	2.39061	3.42480	.00278

RUN NO. 1582/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.311	-5.444	.02530	.04190	-.01450	-.01550	1482.66479	648.64010	.27530
4.121	-3.564	.02550	.04210	-.01470	-.01270	1476.45030	644.18460	.27070
3.859	.328	.02460	.04080	-.01420	-.00990	1382.47310	516.12940	.26010
3.633	3.975	.02550	.04230	-.01460	-.00530	1498.38530	676.81130	.25230
3.687	5.855	.02710	.04490	-.01560	-.00190	1496.52660	666.47000	.25900
	GRADIENT	-.00000	.00002	.00001	.00098	2.60717	3.91178	-.00244

1A105A, AEDC PWT-TF470, 0 T S W/SILTS (W8M045) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
1B-ELV = 10.000 0B-ELV = 9.000

RUN NO. 1619/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.240	-7.912	.02600	.04390	-.01470	-.02010	1460.06450	642.73860	-.42490
-8.185	-3.736	.02460	.04120	-.01410	-.01720	1458.98579	645.54520	-.42800
-8.038	.306	.02110	.03470	-.01220	-.01500	1533.40210	747.16140	-.41280
-7.727	4.279	.02400	.03880	-.01410	-.00820	1472.36890	662.96510	-.37960
-7.758	8.237	.02590	.04160	-.01530	-.00440	1465.84689	649.46630	-.39060
	GRADIENT	-.00008	-.00030	.00000	.00112	1.71928	2.24134	.00603

RUN NO. 1620/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.206	-8.027	.02470	.03980	-.01450	-.01760	1458.32230	640.45390	-.20090
-4.308	-3.801	.02180	.03520	-.01280	-.01470	1457.63260	646.72580	-.21480
-3.970	.188	.02030	.03270	-.01200	-.01220	1120.86771	204.25240	-.18360
-3.891	4.170	.02170	.03470	-.01290	-.00620	1471.68291	663.34790	-.16500
-3.606	8.284	.02540	.04070	-.01510	-.00290	1464.79131	647.88700	-.14510
	GRADIENT	-.00001	-.00006	-.00001	.00107	1.73700	2.05166	.00625

RUN NO. 1621/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.159	-8.356	.02390	.03820	-.01420	-.01490	1455.97000	636.17600	.01790
-.251	-4.244	.02000	.03250	-.01170	-.01030	1454.71609	644.62650	.00230
-.232	-.205	.02030	.03260	-.01190	-.01000	1407.25929	591.53080	.01030
-.195	3.811	.02230	.03580	-.01320	-.00370	1470.97580	662.71630	.01650
-.118	7.833	.02460	.03930	-.01450	-.00120	1463.77490	647.82960	.02980
	GRADIENT	.00029	.00041	-.00019	.00107	2.00541	2.23106	.00176

RUN NO. 1622/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.139	-7.742	.02360	.03780	-.01390	-.01060	1455.35640	636.75590	.29760
4.234	-3.844	.02090	.03360	-.01230	-.00650	1449.86160	643.31230	.30830
4.149	.192	.02030	.03260	-.01200	-.00930	1112.94360	254.93360	.28340
3.854	4.099	.02120	.03410	-.01250	-.00070	1469.72440	667.56520	.26730
3.907	7.946	.02370	.03800	-.01400	.00050	1463.30791	646.51290	.28030
	GRADIENT	.00004	.00006	-.00002	.00072	2.02916	2.60891	-.00517

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M046) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1614/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.343	-5.965	.02580	.04400	-.01460	-.01960	1456.44411	642.13230	-.44830
-8.266	-3.837	.02380	.04010	-.01350	-.01800	1450.44040	641.65210	-.44340
-8.188	.339	.02270	.03770	-.01300	-.01370	1507.87570	752.51170	-.44490
-7.993	4.256	.02370	.03900	-.01380	-.00770	1467.10770	661.44510	-.41450
-7.831	6.290	.02510	.04120	-.01460	-.00450	1463.34010	652.77980	-.40390
	GRADIENT	-.00002	-.00014	-.00004	.00127	2.18849	2.71173	.00353

RUN NO. 1615/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.336	-6.111	.02340	.03830	-.01360	-.01670	1455.55321	640.52540	-.20480
-4.330	-3.952	.02240	.03670	-.01300	-.01480	1449.61090	641.30520	-.20800
-4.067	.196	.02200	.03590	-.01280	-.01140	1125 92430	268.93090	-.17880
-3.933	4.275	.02190	.03550	-.01280	-.00540	1465.06860	659.50610	-.16300
-3.722	6.330	.02360	.03820	-.01380	-.00270	1461.06931	650.32010	-.14620
	GRADIENT	-.00006	-.00015	.00002	.00114	1.64995	1.95006	.00547

RUN NO. 1616/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.146	-6.236	.02230	.03620	-.01300	-.01360	1453.97710	638.95730	.04090
-.216	-4.130	.02140	.03500	-.01240	-.01120	1448.60471	641.36940	.02940
-.224	-.317	.02040	.03320	-.01190	-.00950	1335.24071	546.81640	.02830
-.153	3.901	.02130	.03460	-.01240	-.00280	1462.49290	656.97920	.04300
-.060	5.831	.02260	.03670	-.01320	-.00100	1459.26950	648.35210	.06720
	GRADIENT	-.00001	-.00004	-.00000	.00106	2.23006	2.36934	.00173

RUN NO. 1617/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.112	-5.654	.02190	.03560	-.01280	-.00820	1451.12430	640.44970	.33370
4.152	-3.747	.02070	.03390	-.01210	-.00640	1443.09230	640.04660	.33240
4.104	.201	.02030	.03290	-.01190	-.00860	1238.79201	413.94380	.32170
3.755	3.998	.02100	.03410	-.01230	-.00130	1458.20239	659.40600	.31080
3.690	5.851	.02290	.03710	-.01340	.00180	1458.31810	650.88890	.31130
	GRADIENT	.00004	.00002	-.00003	.00065	1.59681	2.10541	-.00279

1A105A, AEDC PWT-TF470, O T S W/SILTS (W8M046) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1618/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.137	-5.675	.02210	.03580	-.01290	-.00540	1451.67410	642.42580	.44540
6.030	-3.703	.02040	.03320	-.01190	-.00590	1442.80830	641.49270	.44400
6.019	.211	.01940	.03150	-.01140	-.00850	1284.89619	444.71340	.44530
5.844	4.071	.02090	.03410	-.01220	-.00080	1457.05099	660.57100	.44070
5.709	5.917	.02230	.03630	-.01310	.00200	1457.39400	653.07810	.43210
	GRADIENT	.00006	.00011	-.00004	.00065	1.73526	2.33306	-.00042

1A105A, AEDC PWT-TF470, O T S W/SILTS (W8M047) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1588/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.310	-6.000	.02720	.04500	-.01570	-.01930	1459.56371	645.44430	-.47610
-8.257	-3.857	.02580	.04250	-.01490	-.01840	1454.90089	648.10740	-.47120
-8.202	.340	.02490	.04070	-.01440	-.01490	1541.34940	717.30590	-.47270
-8.003	4.262	.02620	.04290	-.01520	-.00760	1463.22580	658.52050	-.44140
-7.868	6.301	.02770	.04550	-.01600	-.00490	1457.12109	647.11570	-.43690
	GRADIENT	.00005	.00004	-.00004	.00132	1.25405	1.46016	.00362

RUN NO. 1589/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.271	-6.105	.02560	.04210	-.01490	-.01650	1448.87700	636.12770	-.22170
-4.341	-3.998	.02470	.04050	-.01440	-.01520	1456.23900	648.60110	-.22820
-4.088	.193	.02330	.03830	-.01350	-.01170	1972.24780	1152.85451	-.19910
-3.967	4.281	.02420	.03970	-.01410	-.00550	1461.59570	658.46880	-.17960
-3.753	6.346	.02570	.04210	-.01490	-.00360	1452.48410	642.29370	-.17100
	GRADIENT	-.00006	-.00010	.00004	.00117	1.15468	1.66565	.00587

IA105A, AEDC PWT-TF470, O T S W/SILTS (WBM047) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1590/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.117	-6.491	.02440	.04000	-.01420	-.01360	1448.93970	635.36840	.03830
-.191	-4.145	.02340	.03830	-.01360	-.01080	1453.55180	648.06230	.02950
-.213	-.312	.02170	.03540	-.01260	-.00860	1368.87109	606.69120	.03540
-.159	3.697	.02310	.03790	-.01340	-.00440	1459.85420	658.58940	.04540
-.059	5.872	.02450	.04010	-.01420	-.00050	1454.84740	645.47750	.06170
	GRADIENT	-.00004	-.00005	.00002	.00082	.97166	1.43144	.00203

RUN NO. 1591/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.240	-5.722	.02350	.03830	-.01370	-.00780	1450.50810	644.26510	.33980
4.161	-3.737	.02240	.03670	-.01300	-.00600	1442.99631	644.55540	.33710
4.069	.201	.02200	.03590	-.01290	-.00640	1000.52420	330.94820	.32790
3.745	3.947	.02260	.03710	-.01310	-.00200	1455.32230	658.48560	.31240
3.820	5.883	.02440	.04000	-.01420	.00130	1452.12210	649.06810	.32370
	GRADIENT	.00002	.00005	-.00001	.00052	.62835	1.11552	-.00321

IA105A, AEDC PWT-TF470, O T S W/SILTS (WBM048) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1592/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.094	-6.112	.03010	.04870	-.01760	-.02060	1464.69260	647.91310	-.48680
-8.246	-3.885	.02870	.04690	-.01670	-.01910	1460.36620	648.02170	-.48580
-8.212	.298	.02660	.04340	-.01550	-.01700	1553.80690	771.25320	-.48190
-7.743	4.325	.02850	.04690	-.01650	-.00780	1467.43550	660.80130	-.43710
-7.936	6.324	.03190	.05240	-.01850	-.00580	1473.47391	659.07520	-.46430
	GRADIENT	-.00003	-.00001	.00003	.00137	1.00022	1.73740	.00590

1A105A, AEDC PWT-TF470, 0 T S W/SILTS (W8M048) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1593/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.268	-6.134	.02840	.04690	-.01640	-.01780	1462.12700	645.79540	-.23120
-4.334	-4.011	.02720	.04500	-.01570	-.01650	1459.92599	648.42940	-.23430
-4.100	.190	.02650	.04370	-.01530	-.01300	1385.54440	522.54390	-.21050
-3.974	4.296	.02750	.04520	-.01590	-.00560	1463.30220	658.00850	-.18820
-3.742	6.349	.02870	.04730	-.01660	-.00440	1469.00610	655.97050	-.17610
	GRADIENT	.00004	.00002	-.00002	.00131	.33740	1.03452	.00555

RUN NO. 1594/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.068	-6.221	.02710	.04480	-.01560	-.01440	1460.85500	645.00100	.03970
-.142	-4.175	.02600	.04310	-.01500	-.01230	1458.73170	648.16410	.02810
-.160	-.325	.02490	.04110	-.01440	-.00940	1410.13380	609.12700	.02500
-.094	3.674	.02560	.04210	-.01480	-.00460	1462.22020	659.61250	.04250
.016	5.891	.02710	.04450	-.01570	-.00190	1464.90800	653.02910	.06400
	GRADIENT	-.00005	-.00012	.00002	.00098	.52520	1.53020	.00185

RUN NO. 1595/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.168	-5.644	.02560	.04240	-.01470	-.00960	1461.31371	651.18480	.33220
4.140	-3.721	.02440	.04040	-.01410	-.00620	1456.75101	651.82180	.33280
3.995	.200	.02500	.04100	-.01450	-.00780	1230.69341	430.06470	.30930
3.783	3.971	.02510	.04130	-.01450	-.00650	1461.09959	664.15600	.31100
3.844	5.873	.02600	.04290	-.01510	.00090	1465.68700	660.05080	.31930
	GRADIENT	.00009	.00012	-.00005	.00048	.17956	1.21820	-.00286

DATE 22 MAY 80 SPRT8M IA105A AEDC PWT 16TF 470 (W8M049) (09 MAY 80)

IA105A, AEDC PWT-TF470, 0 T S W/SILTS

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1596/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.253	-6.059	.03420	.05540	-.02010	-.02380	1480.21750	655.32640	-.52930
-8.285	-3.918	.03340	.05470	-.01940	-.01990	1475.53520	654.98140	-.53270
-8.206	.341	.03350	.05490	-.01950	-.01730	1617.23241	854.97510	-.52730
-7.985	4.303	.03460	.05680	-.02000	-.00720	1484.41409	667.79390	-.50600
-7.819	6.370	.03570	.05880	-.02070	-.00640	1487.11890	664.39650	-.50070
	GRADIENT	.00014	.00025	-.00007	.00153	1.48222	2.12574	.00322

RUN NO. 1597/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.184	-6.146	.03430	.05650	-.01990	-.02070	1478.38960	653.92600	-.24250
-4.355	-4.052	.03230	.05350	-.01860	-.01650	1473.66631	654.07230	-.25550
-4.085	.183	.03220	.05300	-.01860	-.01500	1406.84200	559.08110	-.22820
-4.008	4.322	.03290	.05420	-.01900	-.00500	1482.59940	669.17750	-.21890
-3.664	6.373	.03470	.05690	-.02010	-.00450	1484.66409	664.52640	-.19520
	GRADIENT	.00007	.00008	-.00005	.00137	1.00236	1.71117	.00438

RUN NO. 1598/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.067	-6.212	.03370	.05560	-.01950	-.01640	1474.55859	653.44140	.04100
-.040	-4.189	.03010	.05040	-.01720	-.01340	1468.47240	652.38530	.03110
-.034	-.327	.03060	.05070	-.01760	-.01130	1431.71530	614.27200	.04480
.041	3.848	.03070	.05060	-.01780	-.00390	1475.26640	665.84840	.05110
.203	5.823	.03320	.05430	-.01930	-.00230	1481.08350	663.91280	.08070
	GRADIENT	.00007	.00002	-.00007	.00119	.97459	1.81908	.00248

RUN NO. 1599/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.099	-5.594	.03230	.05390	-.01850	-.01140	1470.31590	656.66460	.32410
4.130	-3.699	.03050	.05090	-.01740	-.01000	1461.55470	653.95000	.32600
4.088	.196	.03110	.05160	-.01790	-.00950	1389.67329	549.29980	.31910
3.738	3.934	.03070	.05070	-.01770	-.00290	1472.20461	672.05220	.30710
3.852	5.830	.03170	.05190	-.01840	.00040	1478.19090	668.97050	.32250
	GRADIENT	.00003	-.00002	-.00004	.00092	1.25467	2.16450	-.00247

IA105A, AEDC PWT-TF470, 0 T S W/SILTS (W8M050) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1600/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.176	-6.122	.03740	.06110	-.02180	-.02580	1485.01421	656.02540	-.55500
-8.311	-3.922	.03670	.06020	-.02130	-.02180	1479.32060	655.53860	-.56970
-8.183	.343	.03590	.05920	-.02080	-.01750	1559.88651	768.20410	-.55650
-8.029	4.314	.03720	.06130	-.02160	-.00770	1489.16650	667.67140	-.53130
-7.781	6.381	.03860	.06380	-.02230	-.00760	1491.25439	665.00440	-.51150
	GRADIENT	.00006	.00013	-.00003	.00170	1.41278	1.77946	.00464

RUN NO. 1602/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.174	-6.179	.03690	.06080	-.02130	-.02230	1483.34030	654.98850	-.25450
-4.379	-4.037	.03550	.05860	-.02050	-.01820	1479.04269	654.99980	-.28200
-4.103	.185	.03610	.05970	-.02080	-.01600	1363.35229	482.51980	-.25210
-4.031	4.326	.03550	.05850	-.02060	-.00610	1489.10080	669.54490	-.22980
-3.635	6.387	.03740	.06120	-.02170	-.00560	1490.08470	665.60110	-.19840
	GRADIENT	.00000	-.00001	-.00001	.00144	1.10986	1.60100	.00624

RUN NO. 1603/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.067	-6.218	.03520	.05820	-.02030	-.01810	1480.65750	654.93820	.03180
-.029	-4.166	.03470	.05750	-.02000	-.01420	1475.23070	653.82540	.02750
-.064	-.340	.03410	.05680	-.01960	-.01240	1449.25729	629.04760	.02340
.028	3.866	.03600	.05920	-.02080	-.00480	1482.80589	667.42820	.03720
.139	5.824	.03730	.06110	-.02170	-.00410	1486.12500	664.02540	.05170
	GRADIENT	.00017	.00022	-.00010	.00118	1.05884	1.81581	.00124

RUN NO. 1604/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.108	-5.596	.03600	.06020	-.02060	-.01220	1476.13670	655.83110	.30970
4.150	-3.692	.03610	.05980	-.02080	-.01160	1469.34550	652.79200	.31690
4.070	.193	.03620	.05990	-.02080	-.01070	1363.51950	498.71970	.29950
3.761	3.932	.03490	.05760	-.02020	-.00400	1481.34940	671.85770	.28840
3.844	5.831	.03630	.05960	-.02110	-.00100	1485.81129	669.08250	.30360
	GRADIENT	-.00016	-.00029	.00008	.00099	1.38637	2.22549	-.00374

IA105A, AEDC PWT-TF470, O T S W/SILTS (W8M051) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1605/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.237	-6.085	.03320	.05460	-.01930	-.02790	1484.91550	655.89870	-.54050
-8.246	-3.928	.03260	.05360	-.01890	-.02290	1479.74490	655.36300	-.53530
-8.235	.340	.03130	.05160	-.01810	-.01770	1698.07130	965.31470	-.53430
-8.011	4.316	.03370	.05520	-.01960	-.00980	1489.13890	668.31150	-.51880
-7.828	6.401	.03520	.05770	-.02040	-.00890	1491.75420	665.77880	-.51580
	GRADIENT	.00013	.00019	-.00008	.00158	1.75227	2.44118	.00198

RUN NO. 1606/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.204	-6.193	.03300	.05430	-.01910	-.02400	1484.51370	656.61250	-.24040
-4.314	-4.051	.03120	.05160	-.01800	-.01940	1479.52609	655.60420	-.24640
-4.101	.186	.02950	.04930	-.01690	-.01660	1403.55220	547.46560	-.22000
-4.012	4.351	.03270	.05350	-.01900	-.00730	1489.65210	671.60280	-.22320
-3.646	6.371	.03370	.05520	-.01960	-.00710	1491.34891	667.05570	-.20120
	GRADIENT	.00018	.00022	-.00012	.00144	1.15046	1.82570	.00277

RUN NO. 1607/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.073	-6.220	.03220	.05300	-.01860	-.02000	1483.22240	656.76220	.03650
-.012	-4.191	.03090	.05120	-.01780	-.01560	1476.03780	655.00610	.03800
-.024	-.366	.03040	.05020	-.01760	-.01370	1438.03960	609.14140	.04570
.055	3.680	.03140	.05160	-.01820	-.00560	1486.24120	671.18870	.05720
.191	5.882	.03170	.05190	-.01850	-.00460	1487.60860	666.07150	.07480
	GRADIENT	.00007	.00005	-.00005	.00128	1.39801	2.18318	.00244

RUN NO. 1608/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.207	-5.619	.03130	.05200	-.01800	-.01400	1478.86330	656.96800	.31500
4.152	-3.690	.03080	.05100	-.01770	-.01350	1471.23340	654.20340	.31240
4.015	.200	.03030	.05020	-.01750	-.01140	1385.04790	541.58110	.30430
3.798	3.923	.03010	.04930	-.01750	-.00460	1484.49780	674.03590	.30190
3.880	5.853	.03080	.05040	-.01790	-.00160	1487.93190	670.55660	.31470
	GRADIENT	-.00009	-.00022	.00003	.00116	1.56372	2.36920	-.00138

1A105A, AEDC PWT-TF470, O T S W/SILTS (W8M052) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 9.000

RUN NO. 1609/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.225	-6.081	.03150	.05180	-.01820	-.02910	1486.80200	656.00290	-.53910
-8.295	-3.927	.02990	.04880	-.01740	-.02540	1480.75200	655.68820	-.54060
-8.176	.349	.02850	.04680	-.01650	-.01700	1639.50760	872.15140	-.51540
-8.009	4.314	.03040	.05000	-.01760	-.01020	1490.58839	669.06520	-.50590
-7.808	6.402	.03250	.05340	-.01880	-.00890	1492.93919	666.77860	-.50700
	GRADIENT	.00006	.00014	-.00002	.00185	1.66137	2.26110	.00423

RUN NO. 1610/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.218	-6.193	.02920	.04830	-.01690	-.02530	1486.07010	656.51560	-.24470
-4.336	-4.035	.02860	.04690	-.01660	-.02120	1480.68021	655.36620	-.24630
-4.091	.198	.02820	.04650	-.01630	-.01510	1318.10550	423.91580	-.20620
-3.999	4.326	.02980	.04870	-.01730	-.00810	1491.08791	670.60690	-.20370
-3.682	6.402	.03130	.05140	-.01820	-.00660	1492.55710	665.59670	-.19270
	GRADIENT	.00014	.00021	-.00008	.00157	1.07699	1.58372	.00511

RUN NO. 1611/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.086	-6.226	.02870	.04740	-.01650	-.02090	1484.54980	656.21220	.04270
.001	-4.182	.02800	.04630	-.01610	-.01670	1479.05490	656.23660	.04060
.007	-.333	.02710	.04480	-.01560	-.01490	1436.86110	609.40280	.05720
.063	3.836	.02890	.04760	-.01680	-.00620	1489.36520	670.36820	.05650
.169	5.826	.02860	.04710	-.01660	-.00520	1491.01320	666.05250	.06900
	GRADIENT	.00012	.00017	-.00009	.00132	1.44172	1.93971	.00195

RUN NO. 1612/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.147	-5.584	.02850	.04710	-.01640	-.01530	1481.25439	656.28370	.30830
4.135	-3.685	.02750	.04570	-.01580	-.01560	1473.26640	652.94900	.31100
4.072	.209	.02780	.04600	-.01610	-.01090	1344.33130	471.72530	.30350
3.757	3.937	.02790	.04590	-.01610	-.00470	1487.98560	672.51420	.28880
3.846	5.834	.02830	.04640	-.01640	-.00300	1490.27080	668.69800	.30170
	GRADIENT	.00005	.00003	-.00004	.00143	1.67157	2.20317	-.00291

IA105A, AEDC PWT-TF470, O T S WO/SILTS (WBM053) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2049/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.242	-7.896	.02600	.04230	-.01520	-.02100	1459.30099	642.15630	-.41160
-8.063	-3.828	.02370	.03820	-.01390	-.01810	1455.82640	641.67550	-.41310
-8.093	.346	.02220	.03550	-.01320	-.01510	1518.66850	721.85130	-.41100
-7.597	4.207	.02380	.03820	-.01400	-.00860	1471.90331	663.27150	-.36630
-7.574	8.075	.02610	.04190	-.01540	-.00480	1465.70190	649.10990	-.36760
	GRADIENT	.00001	-.00001	-.00001	.00118	2.17634	2.90980	.00575

RUN NO. 2050/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-3.933	-8.031	.02530	.04110	-.01480	-.01770	1459.20120	640.76610	-.17210
-4.122	-3.897	.02330	.03780	-.01360	-.01430	1455.37650	643.46970	-.19540
-3.941	.188	.02150	.03430	-.01270	-.01230	1597.61501	835.07620	-.17100
-3.848	4.134	.02290	.03680	-.01350	-.00560	1470.13380	661.97070	-.15090
-3.769	8.144	.02610	.04220	-.01530	-.00270	1464.24170	647.40800	-.14730
	GRADIENT	-.00005	-.00013	.00001	.00108	2.02954	2.56333	.00554

RUN NO. 2051/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.104	-8.146	.02420	.03930	-.01420	-.01450	1458.73241	639.78860	.03440
-.238	-4.288	.02200	.03580	-.01280	-.01120	1454.74561	643.42070	.01210
-.220	-.027	.02130	.03410	-.01260	-.01050	1096.37601	242.38280	.01860
-.171	3.800	.02110	.03390	-.01250	-.00390	1469.14529	660.91580	.03010
-.067	7.819	.02380	.03850	-.01400	-.00170	1462.86839	645.61820	.05170
	GRADIENT	-.00011	-.00024	.00004	.00089	.16171	.34826	.00221

RUN NO. 2052/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.489	-7.688	.02310	.03770	-.01350	-.01030	1458.12331	640.17650	.33240
4.211	-3.851	.02090	.03380	-.01230	-.00590	1450.75331	640.79390	.31080
4.181	.187	.02020	.03230	-.01200	-.01000	1940.29761	1254.28200	.29180
3.871	4.123	.02180	.03530	-.01280	-.00050	1467.46660	664.11690	.28180
3.881	7.978	.02340	.03790	-.01370	.00030	1462.25610	645.00220	.29190
	GRADIENT	.00011	.00019	-.00006	.00067	2.60943	3.56715	-.00364

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M053) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2053/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
8.218	-7.805	.02450	.03970	-.01440	-.00840	1458.39580	640.85860	.54790
8.196	-3.801	.01990	.03200	-.01170	-.00500	1452.14430	638.56420	.54050
7.858	.139	.02010	.03230	-.01180	-.01210	1814.27470	1090.18381	.51290
8.175	4.139	.02060	.03290	-.01220	-.00180	1465.31740	661.06670	.53690
7.969	8.038	.02360	.03800	-.01390	.00240	1463.77640	647.20000	.54290
	GRADIENT	.00009	.00071	-.00006	.00041	1.43262	2.55351	-.00044

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M054) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2044/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.324	-5.919	.02520	.04120	-.01460	-.01980	1454.68069	643.77660	-.43990
-8.322	-3.856	.02410	.03960	-.01400	-.01740	1444.54420	638.60450	-.44300
-8.237	.362	.02260	.03660	-.01320	-.01320	1511.80099	706.68650	-.44040
-7.973	4.230	.02440	.03970	-.01430	-.00780	1469.34129	660.40630	-.40920
-7.718	6.219	.02560	.04180	-.01490	-.00520	1465.20070	652.12110	-.38820
	GRADIENT	.00003	.00000	-.00003	.00118	3.26057	2.89870	.00413

RUN NO. 2045/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.248	-6.085	.02450	.04030	-.01420	-.01700	1454.94040	641.37160	-.19770
-4.421	-4.047	.02340	.03860	-.01350	-.01440	1446.26170	640.70920	-.20730
-4.058	.198	.02200	.03580	-.01290	-.01140	1702.54170	862.37770	-.17460
-3.894	4.232	.02270	.03700	-.01330	-.00480	1467.85420	659.02470	-.15560
-3.633	6.190	.02450	.03980	-.01430	-.00280	1463.95239	650.33060	-.13610
	GRADIENT	-.00009	-.00020	.00003	.00116	3.11105	2.64769	.00626

1A105A, AEDC PWT-TF470, O T S WO/SILTS (W8M054) (08 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2046/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.113	-6.239	.02350	.03850	-.01360	-.01390	1454.97000	640.08520	.04870
-.206	-4.377	.02240	.03690	-.01290	-.01060	1448.18629	640.57790	.03460
-.209	-.126	.02120	.03430	-.01240	-.00990	4873.62891	3181.37500	.03600
-.139	3.638	.02180	.03560	-.01270	-.00290	1466.38280	659.03220	.05170
-.037	5.702	.02340	.03820	-.01360	-.00080	1462.45190	649.42990	.07800
	GRADIENT	-.00008	-.00017	.00003	.00094	19.52643	15.08880	.00209

RUN NO. 2047/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.190	-5.718	.02270	.03740	-.01320	-.00800	1454.30760	642.68700	.34410
3.866	-3.712	.02140	.03500	-.01250	-.00610	1439.42290	636.04520	.31850
4.105	.196	.02080	.03350	-.01230	-.00870	2178.77200	1293.55200	.32540
3.787	4.025	.02200	.03580	-.01290	-.00130	1463.23801	661.05810	.32150
4.041	6.026	.02320	.03800	-.01350	.00200	1461.11909	650.66530	.34270
	GRADIENT	.00008	.00010	-.00005	.00062	3.71721	3.79958	.00039

RUN NO. 2048/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.175	-5.705	.02250	.03680	-.01300	-.00530	1454.02470	644.16670	.46120
6.078	-3.742	.02120	.03470	-.01230	-.00550	1442.78371	639.06350	.45300
6.029	.206	.02030	.03280	-.01200	-.00790	1447.31250	1437.71875	.45240
5.630	4.012	.02160	.03520	-.01260	-.00180	1461.92529	661.85570	.43130
5.861	5.973	.02290	.03750	-.01330	.00190	1460.68120	653.22360	.45300
	GRADIENT	.00005	.00006	-.00004	.00047	18.14442	18.28936	-.00278

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M055) (08 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2039/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.306	-5.942	.02830	.04680	-.01630	-.01920	1456.84061	646.59350	-.47290
-8.284	-3.871	.02640	.04360	-.01530	-.01790	1446.51540	643.31710	-.46780
-8.270	.360	.02460	.04030	-.01430	-.01490	1439.01221	624.96220	-.47060
-7.957	4.248	.02720	.04480	-.01570	-.00890	1466.57449	656.46660	-.43930
-7.731	6.217	.02830	.04690	-.01630	-.00580	1469.31760	653.76320	-.42530
	GRADIENT	.00009	.00013	-.00005	.00110	2.40835	1.53215	.00345

RUN NO. 2041/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.026	-6.242	.02630	.04350	-.01510	-.01720	1453.71581	640.21120	-.20200
-4.450	-4.067	.02550	.04220	-.01470	-.01420	1446.14259	643.58130	-.23100
-4.041	.192	.02370	.03880	-.01380	-.01130	1674.84331	755.32910	-.19360
-3.939	4.262	.02500	.04110	-.01440	-.00660	1465.61250	656.23950	-.17770
-3.627	6.204	.02610	.04320	-.01510	-.00380	1468.87300	653.37480	-.15640
	GRADIENT	-.00006	-.00014	.00004	.00091	2.73499	1.71104	.00642

RUN NO. 2042/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.145	-6.387	.02500	.04150	-.01440	-.01410	1451.92630	638.77760	.03220
-.174	-4.385	.02430	.04020	-.01400	-.01000	1445.22411	641.12790	.03690
-.219	-.168	.02230	.03640	-.01300	-.00930	926.17210	410.56840	.03530
-.131	3.663	.02390	.03930	-.01380	-.00540	1461.11839	654.68730	.05320
-.033	5.711	.02500	.04130	-.01440	-.00150	1467.22169	652.99800	.06730
	GRADIENT	-.00006	-.00013	.00003	.00056	-.12040	.74056	.00199

RUN NO. 2043/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.264	-5.706	.02430	.03990	-.01410	-.00730	1450.61600	643.60860	.34500
3.857	-3.699	.02300	.03780	-.01330	-.00580	1436.26610	637.01440	.32270
4.037	.191	.02240	.03640	-.01310	-.00730	3563.05200	2172.90991	.32670
3.803	4.000	.02360	.03890	-.01360	-.00260	1463.81419	660.78080	.32530
4.065	6.012	.02480	.04110	-.01430	.00100	1463.03661	654.41040	.34650
	GRADIENT	.00008	.00014	-.00004	.00041	5.48866	4.46490	.00034

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M058) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2027/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.147	-6.016	.03090	.05140	-.01780	-.02090	1463.32030	649.69730	-.47680
-8.365	-3.889	.02970	.04930	-.01700	-.01910	1458.43730	649.90700	-.49130
-8.224	.354	.02770	.04560	-.01600	-.01630	1448.38651	646.64920	-.47720
-7.976	4.238	.02980	.04980	-.01710	-.00970	1470.00630	659.47290	-.44980
-7.757	6.243	.03110	.05210	-.01780	-.00700	1474.10570	656.99710	-.43940
	GRADIENT	.00000	.00005	-.00001	.00115	1.36522	1.14718	.00508

RUN NO. 2028/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.262	-6.120	.02930	.04890	-.01680	-.01820	1460.14450	646.77690	-.22680
-4.433	-4.086	.02790	.04660	-.01600	-.01590	1456.84300	649.27810	-.23880
-4.072	.188	.02630	.04350	-.01520	-.01300	1486.21170	660.52730	-.20580
-3.955	4.263	.02840	.04720	-.01630	-.00770	1468.15190	657.56880	-.18610
-3.643	6.230	.02970	.04940	-.01710	-.00520	1472.62041	655.84400	-.16570
	GRADIENT	.00006	.00007	-.00003	.00098	1.39941	1.00638	.00632

RUN NO. 2029/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.092	-6.391	.02820	.04710	-.01610	-.01450	1457.97580	644.32400	.03540
-.119	-4.389	.02700	.04520	-.01540	-.01090	1454.15210	647.47510	.03740
-.159	-.182	.02580	.04240	-.01490	-.00970	1446.31010	682.66110	.02900
-.062	3.664	.02650	.04390	-.01520	-.00590	1459.04030	651.98460	.05220
.055	5.715	.02750	.04580	-.01580	-.00360	1468.92410	653.29910	.07650
	GRADIENT	-.00007	-.00017	.00003	.00062	.56846	.68164	.00178

RUN NO. 2030/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.192	-5.697	.02620	.04390	-.01500	-.00830	1456.90630	649.28780	.33740
4.147	-3.750	.02530	.04220	-.01450	-.00570	1439.53830	640.41480	.33920
4.085	.190	.02590	.04230	-.01510	-.00860	1316.86380	514.16410	.32450
3.784	4.004	.02640	.04390	-.01520	-.00340	1458.35550	657.83520	.31780
4.068	5.982	.02680	.04440	-.01540	-.00010	1469.52341	659.04320	.33840
	GRADIENT	.00014	.00022	-.00009	.00029	2.24262	2.05847	-.00277

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M057) (08 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2031/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.266	-6.073	.03560	.05930	-.02040	-.02410	1480.13940	656.41850	-.52710
-8.339	-3.928	.03440	.05750	-.01970	-.02030	1474.03641	657.12720	-.53090
-8.269	.353	.03390	.05610	-.01950	-.01900	1568.01900	743.85110	-.52030
-7.977	4.277	.03560	.05930	-.02050	-.00890	1485.07860	666.58250	-.49710
-7.714	6.297	.03690	.06160	-.02110	-.00600	1487.65089	662.36060	-.48400
	GRADIENT	.00014	.00021	-.00010	.00137	1.65681	1.44073	.00409

RUN NO. 2032/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.219	-6.171	.03470	.05810	-.01980	-.02080	1478.81760	656.33570	-.23740
-4.416	-4.116	.03300	.05530	-.01890	-.01700	1474.23460	658.26050	-.25040
-4.072	.188	.03250	.05380	-.01880	-.01510	1354.62480	561.75540	-.21890
-3.964	4.277	.03400	.05630	-.01960	-.00690	1482.53709	666.25810	-.20450
-3.575	6.246	.03500	.05830	-.02010	-.00440	1485.18359	662.15940	-.17810
	GRADIENT	.00012	.00012	-.00008	.00120	.73653	.74765	.00549

RUN NO. 2033/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.043	-6.406	.03380	.05670	-.01930	-.01650	1475.91870	656.12350	.03870
-.015	-4.402	.03210	.05400	-.01820	-.01370	1470.24561	656.60550	.03910
-.040	-.183	.03080	.05130	-.01770	-.01130	1424.58940	652.12650	.04560
.061	3.642	.03200	.05320	-.01840	-.00540	1473.64940	662.02150	.06110
.207	5.712	.03350	.05550	-.01930	-.00260	1480.04530	660.97710	.08640
	GRADIENT	-.00002	-.00011	-.00002	.00102	.23111	.64365	.00271

RUN NO. 2034/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.210	-5.668	.03230	.05460	-.01830	-.01090	1471.27220	659.84810	.33040
3.875	-3.685	.03120	.05290	-.01770	-.00940	1462.68430	657.61620	.31090
4.009	.194	.03110	.05160	-.01790	-.00860	1348.08960	544.08520	.31350
3.860	3.982	.03140	.05200	-.01800	-.00310	1471.86380	668.16360	.31840
4.096	5.967	.03240	.05360	-.01870	.00090	1478.08200	664.99190	.34120
	GRADIENT	.00003	-.00012	-.00004	.00082	1.07459	1.25338	.00098

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M058) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000

RUN NO. 2035/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.336	-6.048	.03850	.06400	-.02210	-.02670	1485.36771	657.45830	-.56230
-8.311	-3.951	.03730	.06190	-.02140	-.02200	1480.03610	657.88500	-.55980
-8.272	.351	.03690	.06110	-.02120	-.02090	1555.17990	731.42240	-.55650
-7.967	4.287	.03900	.06430	-.02260	-.00930	1488.69020	664.91020	-.51360
-7.688	6.298	.03980	.06610	-.02290	-.00670	1491.55093	662.56370	-.49330
	GRADIENT	.00020	.00028	-.00014	.00152	1.30478	1.10433	.00553

RUN NO. 2036/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.177	-6.174	.03800	.06320	-.02180	-.02280	1485.12300	657.65650	-.25310
-4.425	-4.126	.03660	.06070	-.02100	-.01840	1481.26221	659.22490	-.27480
-4.077	.184	.03620	.06000	-.02090	-.01670	1079.87260	275.00440	-.23980
-3.994	4.299	.03700	.06100	-.02140	-.00690	1487.85080	665.89010	-.21780
-3.549	6.262	.03830	.06350	-.02200	-.00500	1490.13651	662.99000	-.18310
	GRADIENT	.00005	.00003	-.00005	.00136	.03972	.08023	.00678

RUN NO. 2037/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.109	-6.317	.03650	.06070	-.02090	-.01870	1482.55470	657.72510	.04020
-.018	-4.403	.03570	.05950	-.02040	-.01490	1478.53470	658.12820	.03060
-.055	-.166	.03570	.05940	-.02050	-.01240	1457.95020	654.64110	.03000
.034	3.591	.03660	.06040	-.02110	-.00710	1480.75050	663.66060	.04240
.139	5.694	.03820	.06280	-.02210	-.00430	1485.51660	661.18850	.05570
	GRADIENT	.00011	.00011	-.00009	.00097	.16845	.66002	.00144

RUN NO. 2038/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.230	-5.670	.03760	.06290	-.02150	-.01260	1480.49049	661.25540	.31740
3.900	-3.670	.03660	.06120	-.02090	-.01100	1469.77330	656.32200	.30560
4.089	.190	.03660	.06070	-.02100	-.01100	1329.15820	486.28980	.30190
3.786	3.977	.03640	.06040	-.02090	-.00450	1480.88670	668.30660	.29680
4.089	5.939	.03730	.06170	-.02150	-.00080	1486.32060	665.88090	.32220
	GRADIENT	-.00003	-.00010	-.00000	.00085	1.33133	1.42042	-.00115

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M058) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = -7.000

RUN NO. 1674/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.230	-6.098	.02920	.04850	-.01680	-.02870	1490.34940	657.11570	-.56520
-8.179	-4.011	.02900	.04810	-.01660	-.02630	1485.82080	658.48730	-.55910
-8.109	.227	.02750	.04550	-.01590	-.01860	834.44580	-401.18330	-.53830
-7.994	4.337	.02810	.04610	-.01630	-.00980	1490.58009	665.86250	-.53790
-7.678	6.351	.02970	.04900	-.01720	-.00690	1493.55130	662.21360	-.52310
	GRADIENT	-.00011	-.00024	.00004	.00198	-.23288	-.42263	.00255

RUN NO. 1675/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.264	-6.178	.02860	.04800	-.01630	-.02440	1490.19360	657.23340	-.28600
-4.427	-4.151	.02770	.04570	-.01600	-.02210	1485.99710	657.95290	-.28310
-4.140	.232	.02680	.04440	-.01540	-.01660	1393.81931	494.71120	-.23090
-4.022	4.350	.02770	.04560	-.01600	-.00690	1491.24100	666.61570	-.22980
-3.604	6.296	.02970	.04930	-.01710	-.00460	1493.33450	662.12890	-.21320
	GRADIENT	-.00000	-.00001	.00000	.00178	.38612	.61119	.00633

RUN NO. 1676/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.173	-6.387	.02760	.04640	-.01580	-.02100	1490.15109	657.70630	-.01750
-.231	-4.254	.02690	.04440	-.01550	-.01830	1485.25420	659.63620	-.00710
-.232	-.226	.02620	.04330	-.01510	-.01650	1461.49580	636.60470	.00410
-.175	3.644	.02730	.04530	-.01580	-.00670	1487.45410	664.13180	.00730
-.101	5.696	.02840	.04710	-.01640	-.00470	1491.91330	661.97360	.01510
	GRADIENT	.00005	.00011	-.00004	.00146	.23647	.52637	.00183

RUN NO. 1677/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.242	-5.599	.02690	.04450	-.01550	-.01720	1487.37820	659.50810	.28110
4.115	-3.633	.02590	.04230	-.01500	-.01560	1480.98630	655.59230	.27810
3.996	.250	.02630	.04320	-.01520	-.01130	1280.06010	417.23660	.26930
3.701	3.982	.02720	.04500	-.01570	-.00360	1488.94530	667.38870	.25760
3.778	5.862	.02830	.04680	-.01630	-.00140	1492.53340	664.63180	.26720
	GRADIENT	.00017	.00035	-.00009	.00157	.68979	1.12553	-.00269

IA105A, AEDC PWT-TF470, O T S WO/SILTS (WBM060) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = -7.000

RUN NO. 1678/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.452	-6.078	.02810	.04660	-.01620	-.02830	1490.94820	656.09620	-.57610
-8.480	-3.893	.02600	.04360	-.01490	-.02650	1488.43410	659.51320	-.56320
-8.201	.305	.02570	.04290	-.01480	-.01870	1513.92630	770.24900	-.53340
-7.988	4.430	.02560	.04230	-.01470	-.01040	1490.48660	664.07640	-.53360
-7.688	6.424	.02670	.04440	-.01540	-.00730	1494.04761	661.03470	-.52410
	GRADIENT	-.00005	-.00016	.00002	.00193	.26389	.62492	.00357

RUN NO. 1679/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.430	-6.161	.02740	.04620	-.01560	-.02390	1490.72881	655.51340	-.28690
-4.582	-4.128	.02640	.04390	-.01510	-.02180	1489.01151	658.92240	-.29390
-4.224	.309	.02510	.04180	-.01440	-.01600	1498.65060	905.99240	-.24600
-3.960	4.427	.02540	.04200	-.01470	-.00740	1492.32010	665.29490	-.24410
-3.585	6.379	.02610	.04340	-.01500	-.00500	1493.96069	660.43530	-.22650
	GRADIENT	-.00012	-.00023	.00005	.00168	.40977	1.45293	-.00589

RUN NO. 1680/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.293	-6.471	.02700	.04560	-.01530	-.02010	1491.25540	655.08130	-.01820
-.376	-4.288	.02590	.04300	-.01490	-.01830	1486.56149	658.31150	-.02600
-.387	-.290	.02480	.04100	-.01430	-.01590	1479.39920	646.25980	-.01770
-.353	3.583	.02540	.04200	-.01460	-.00740	1489.01460	662.49950	-.01380
-.308	5.620	.02680	.04480	-.01530	-.00390	1492.97800	659.01680	-.00850
	GRADIENT	-.00006	-.00013	.00004	.00138	.30040	.51310	.00155

RUN NO. 1681/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.266	-5.519	.02590	.04320	-.01490	-.01490	1489.96410	656.98800	.26220
4.143	-3.545	.02530	.04160	-.01470	-.01320	1485.28439	655.96880	.26530
3.907	.324	.02470	.04070	-.01430	-.01190	1399.88091	523.10990	.25080
3.577	4.004	.02570	.04290	-.01480	-.00430	1491.19141	665.58110	.24030
3.658	5.877	.02730	.04560	-.01560	-.00120	1493.14790	660.41020	.24890
	GRADIENT	.00005	.00017	-.00001	.00117	.58607	.96728	-.00332

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M061) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1655/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.254	-6.100	.03370	.05590	-.01940	-.02850	1485.10989	654.11500	-.56320
-8.348	-3.982	.03310	.05430	-.01920	-.02420	1481.36600	652.99100	-.56480
-8.107	.165	.03200	.05270	-.01850	-.01950	1355.89890	295.08450	-.53610
-8.046	4.309	.03390	.05560	-.01970	-.00830	1488.40410	669.03030	-.53400
-7.715	6.307	.03570	.05880	-.02060	-.00640	1489.93480	664.67820	-.51570
	GRADIENT	.00010	.00016	-.00006	.00192	.84479	1.92290	.00372

RUN NO. 1656/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.186	-6.183	.03240	.05390	-.01860	-.02460	1484.74020	655.06710	-.26170
-4.206	-4.121	.03210	.05310	-.01850	-.02050	1482.27170	655.06740	-.26740
-4.130	.183	.03100	.05130	-.01790	-.01660	1435.65939	530.50100	-.24310
-4.016	4.427	.03220	.05290	-.01860	-.00580	1487.51270	670.86720	-.23580
-3.621	6.308	.03330	.05470	-.01930	-.00490	1490.02930	666.23540	-.21330
	GRADIENT	.00001	-.00002	-.00001	.00172	.58609	1.77560	.00370

RUN NO. 1657/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.036	-6.370	.03220	.05350	-.01850	-.02090	1484.23630	655.37210	.01330
-.059	-4.238	.03180	.05290	-.01830	-.01630	1479.75050	654.69240	.01240
-.082	-.200	.03040	.05020	-.01750	-.01370	1454.89380	609.25930	.01960
-.010	3.680	.03090	.05090	-.01790	-.00480	1485.06351	670.76950	.02850
.128	5.704	.03120	.05110	-.01810	-.00320	1487.32370	665.83960	.04970
	GRADIENT	-.00012	-.00026	.00005	.00145	.62497	1.94088	.00203

RUN NO. 1658/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.174	-5.596	.03120	.05200	-.01790	-.01360	1480.60300	656.61080	.29880
3.942	-3.686	.03050	.05080	-.01750	-.01330	1474.43930	653.10960	.28890
4.051	.201	.03050	.05050	-.01760	-.01170	1407.71390	533.63600	.29090
3.760	3.950	.03010	.04950	-.01740	-.00360	1485.54100	674.93460	.28310
3.845	5.843	.03080	.05070	-.01790	-.00020	1489.01950	670.97630	.29560
	GRADIENT	-.00005	-.00017	.00001	.00132	1.34013	2.65311	-.00075

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1659/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.355	-6.114	.03150	.05240	-.01810	-.03030	1488.12990	655.66110	-.56190
-8.393	-3.991	.03090	.05070	-.01790	-.02650	1483.34109	655.46480	-.56790
-8.285	.352	.02940	.04850	-.01700	-.01810	1638.48830	961.59720	-.54000
-7.963	4.322	.03090	.05060	-.01800	-.00920	1489.84590	669.31590	-.51370
-7.770	6.331	.03180	.05230	-.01640	-.00660	1493.05370	665.33080	-.51520
	GRADIENT	-.00001	-.00002	-.00001	.00208	1.32841	2.74149	.00652

RUN NO. 1660/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.000	-6.139	.02990	.04950	-.01720	-.02480	1486.76250	655.48340	-.24620
-4.189	-4.122	.03020	.04930	-.01750	-.02140	1482.62891	654.73290	-.25280
-4.110	.193	.02890	.04760	-.01670	-.01760	1374.26030	453.74490	-.22330
-4.001	4.322	.03010	.04920	-.01750	-.00720	1491.57640	671.35060	-.21770
-3.602	6.279	.03090	.05090	-.01790	-.00490	1493.66870	666.41060	-.20010
	GRADIENT	-.00001	-.00001	.00000	.00168	.66402	1.60519	.00418

RUN NO. 1661/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.025	-6.379	.02930	.04870	-.01680	-.02110	1486.43820	655.87130	.01790
-.047	-4.225	.02860	.04730	-.01650	-.01720	1481.79370	656.40720	.02530
-.043	-.195	.02830	.04690	-.01639	-.01500	1437.64380	602.05810	.03490
.025	3.675	.02880	.04740	-.016..	-.00560	1490.03251	671.50390	.03930
.115	5.695	.02920	.04780	-.01690	-.00420	1492.28909	667.13870	.04830
	GRADIENT	.00002	.00001	-.00002	.00146	.95899	1.80498	.00178

RUN NO. 1662/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.209	-5.620	.02830	.04700	-.01630	-.01440	1483.47141	656.80540	.29800
4.121	-3.662	.02850	.04700	-.01640	-.01340	1475.77831	653.33250	.30090
4.027	.207	.02850	.04690	-.01650	-.01180	1371.99879	497.96220	.29100
3.750	3.954	.02870	.04710	-.01660	-.00310	1490.49580	674.89060	.27800
4.035	5.923	.02860	.04670	-.01660	-.00140	1492.82230	670.72340	.29400
	GRADIENT	.00003	.00001	-.00003	.00161	1.77654	2.59757	-.00300

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M063) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1663/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.206	-6.105	.02960	.04910	-.01700	-.02880	1489.09160	655.13430	-.56190
-8.216	-4.012	.02890	.04810	-.01660	-.02640	1483.71091	655.05030	-.55020
-8.102	.235	.02740	.04530	-.01580	-.01880	1141.28050	30.41380	-.52970
-7.975	4.349	.02840	.04670	-.01650	-.00980	1491.94580	668.92680	-.53070
-7.711	6.342	.02970	.04910	-.01720	-.00710	1494.57370	663.93750	-.52070
	GRADIENT	-.00006	-.00017	.00001	.00198	.54996	.86697	.00235

RUN NO. 1664/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.221	-6.158	.02940	.04920	-.01680	-.02460	1488.44820	654.83540	-.27580
-4.220	-4.105	.02810	.04630	-.01620	-.02180	1483.65480	654.39820	-.26260
-4.139	.229	.02740	.04560	-.01580	-.01680	1400.57010	494.65840	-.22450
-4.024	4.349	.02810	.04630	-.01630	-.00710	1491.92529	669.23750	-.22840
-3.810	6.381	.02950	.04890	-.01700	-.00480	1494.76370	664.04960	-.22120
	GRADIENT	-.00000	-.00000	-.00001	.00173	.80345	1.42024	.00409

RUN NO. 1665/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.146	-6.272	.02740	.04590	-.01570	-.02050	1487.55470	654.84420	-.00630
-.225	-4.320	.02720	.04490	-.01570	-.01840	1482.13010	655.09080	-.00380
-.201	-.243	.02670	.04420	-.01540	-.01620	1440.93460	601.38790	.01770
-.149	3.637	.02740	.04540	-.01580	-.00660	1490.22659	669.28640	.01860
-.063	5.688	.02840	.04710	-.01630	-.00460	1493.78939	665.02780	.02940
	GRADIENT	.00002	.00006	-.00001	.00148	.92351	1.65762	.00284

RUN NO. 1666/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.235	-5.605	.02700	.04460	-.01560	-.01720	1485.35770	656.39480	.28230
3.901	-3.608	.02620	.04300	-.01520	-.01570	1477.75780	650.91630	.27120
4.004	.249	.02650	.04350	-.01540	-.01110	1349.86600	469.79520	.27820
3.702	3.976	.02690	.04460	-.01550	-.00370	1491.42680	671.95610	.26290
3.981	5.936	.02810	.04660	-.01620	-.00100	1494.41460	667.58420	.28270
	GRADIENT	.00009	.00021	-.00004	.00158	1.59999	2.48637	-.00108

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M064) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = -2.000

RUN NO. 1667/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.455	-6.061	.02740	.04540	-.01580	-.02820	1488.49319	652.95240	-.57020
-8.484	-3.898	.02710	.04530	-.01550	-.02650	1485.71091	655.87740	-.56370
-8.370	.465	.02550	.04250	-.01460	-.01820	1531.66769	788.82030	-.53600
-7.980	4.431	.02580	.04270	-.01490	-.01030	1492.48930	667.46290	-.52740
-7.715	6.435	.02690	.04470	-.01550	-.00750	1495.35890	663.07960	-.52150
	GRADIENT	-.00016	-.00032	.00007	.00194	.97574	1.87528	.00439

RUN NO. 1668/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.415	-6.202	.02760	.04660	-.01570	-.02390	1489.08760	653.29490	-.28020
-4.363	-4.097	.02630	.04390	-.01510	-.02120	1485.64600	654.80960	-.27150
-4.223	.314	.02550	.04250	-.01470	-.01570	405.35570	-3260.34549	-.23930
-3.978	4.437	.02570	.04240	-.01480	-.00740	1493.70731	668.05640	-.23920
-3.571	6.363	.02690	.04470	-.01540	-.00480	1495.36909	662.41140	-.21920
	GRADIENT	-.00007	-.00018	.00004	.00161	-1.92109	-8.81168	.00383

RUN NO. 1669/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.286	-6.472	.02700	.04570	-.01530	-.01990	1489.13651	652.48100	-.01480
-.349	-4.291	.02600	.04320	-.01500	-.01800	1484.29739	655.11960	-.01420
-.376	-.291	.02550	.04220	-.01470	-.01570	1462.54170	619.51170	-.01130
-.335	3.582	.02550	.04240	-.01460	-.00720	1492.10280	667.88230	-.00840
-.275	5.623	.02720	.04540	-.01560	-.00360	1494.91769	662.01560	.00300
	GRADIENT	-.00006	-.00010	.00005	.00137	.95604	1.56318	.00074

RUN NO. 1670/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.256	-5.527	.02600	.04310	-.01490	-.01520	1487.40820	653.69190	.26880
4.146	-3.542	.02560	.04190	-.01480	-.01290	1482.17680	651.43530	.27120
3.907	.325	.02510	.04130	-.01450	-.01190	1390.16479	509.15280	.25760
3.609	3.994	.02580	.04290	-.01480	-.00400	1494.78250	671.20040	.24860
3.659	5.861	.02780	.04660	-.01590	-.00100	1495.10890	663.44950	.25750
	GRADIENT	.00003	.00013	.00000	.00117	1.44475	2.26989	-.00300

1A105A, AEDC PWT-TF470, O T S W0/SILTS (W8M085) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = 5.000

RUN NO. 1818/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-7.997	-7.907	.02540	.04120	-.01490	.00170	1462.66040	645.55420	-.40740
-8.097	-3.863	.02380	.03840	-.01400	.00090	1462.05620	648.07350	-.42260
-8.136	.293	.02180	.03480	-.01300	.00050	1521.97560	729.36010	-.42170
-7.655	4.198	.02420	.03890	-.01430	.00070	1473.19189	662.61870	-.37640
-7.611	8.082	.02640	.04240	-.01560	.00090	1467.15010	649.95360	-.38220
	GRADIENT	.00004	.00005	-.00003	-.00003	1.52012	1.99328	.00567

RUN NO. 1819/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.128	-8.002	.02510	.04080	-.01470	.00200	1461.23660	643.10690	-.19350
-4.149	-3.936	.02300	.03730	-.01350	.00140	1460.27859	649.18210	-.20610
-3.976	.187	.02130	.03380	-.01270	.00100	1860.90280	1170.33200	-.18550
-3.866	4.160	.02300	.03700	-.01350	.00140	1472.34550	662.21510	-.16240
-3.795	8.180	.02580	.04160	-.01520	.00170	1466.20290	648.16530	-.16120
	GRADIENT	-.00000	-.00004	.00000	-.00000	2.09479	2.39799	.00540

RUN NO. 1820/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.132	-8.135	.02470	.04000	-.01450	.00230	1460.31790	641.06370	.01930
-.262	-4.266	.02250	.03650	-.01310	.00160	1458.71831	649.58150	-.00430
-.239	-.044	.02060	.03290	-.01220	.00140	1384.84891	584.86790	.00690
-.209	3.799	.02200	.03540	-.01300	.00170	1471.39670	660.28590	.01080
-.116	7.831	.02470	.03990	-.01450	.00200	1465.53030	647.22950	.02630
	GRADIENT	-.00007	-.00015	.00002	.00001	1.25934	1.05416	.00188

RUN NO. 1821/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.493	-7.716	.02390	.03880	-.01390	.00260	1459.88429	641.93380	.31170
4.175	-3.823	.02130	.03430	-.01250	.00210	1453.68040	647.49660	.28550
4.137	.194	.02040	.03240	-.01210	.00210	24772.39062	25048.69531	.27030
3.839	4.102	.02160	.03480	-.01270	.00200	1471.71950	666.57180	.25610
3.877	7.972	.02550	.04100	-.01500	.00250	1464.68140	646.05960	.27340
	GRADIENT	.00004	.00006	-.00002	-.00001	29.09408	30.46963	-.00371

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M065) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1822/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
8.267	-7.802	.02400	.03870	-.01410	-.00890	1460.58760	643.71950	.52750
8.147	-3.761	.02040	.03290	-.01200	-.00460	1455.01289	648.57400	.51850
7.810	.155	.02020	.03230	-.01190	-.01270	-663.58150	-1696.40649	.48640
8.108	4.134	.02100	.03350	-.01240	-.00130	1468.54201	660.43990	.51410
7.942	8.013	.02380	.03840	-.01400	.00320	1465.41431	647.34470	.52560
	GRADIENT	.00008	.00008	-.00005	.00042	3.15442	3.09670	-.00054

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M066) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1823/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.294	-5.985	.02510	.04120	-.01460	-.01940	1458.96140	645.78470	-.44690
-8.373	-3.871	.02390	.03910	-.01390	-.01800	1453.89160	645.18410	-.45900
-8.265	.357	.02280	.03680	-.01340	-.01480	1485.03250	692.78520	-.45590
-8.008	4.239	.02450	.03980	-.01430	-.00700	1466.06590	658.41260	-.42240
-7.779	6.258	.02580	.04200	-.01500	-.00350	1465.16330	652.86500	-.40720
	GRADIENT	.00007	.00008	-.00005	.00135	1.58807	1.77389	.00446

RUN NO. 1824/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.280	-6.114	.02460	.04050	-.01430	-.01620	1457.92461	644.22090	-.21050
-4.432	-4.057	.02370	.03870	-.01380	-.01490	1452.53661	645.45090	-.22190
-4.099	.194	.02230	.03620	-.01310	-.01260	2164.16040	1344.39650	-.19340
-3.912	4.251	.02350	.03830	-.01380	-.00400	1465.10181	657.07960	-.17080
-3.662	6.229	.02480	.04040	-.01450	-.00160	1464.09030	651.25830	-.15140
	GRADIENT	-.00003	-.00005	.00000	.00131	2.83293	2.69736	.00616

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M066) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1825/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.154	-6.220	.02350	.03850	-.01360	.00130	1456.75369	642.86770	.02920
-.234	-4.375	.02260	.03710	-.01310	.00080	1451.53300	645.59330	.01610
-.247	-.123	.02100	.03390	-.01230	.00110	1235.67329	502.63720	.01580
-.187	3.632	.02180	.03560	-.01270	.00110	1463.63721	656.76440	.02810
-.103	5.705	.02360	.03850	-.01370	.00100	1462.95900	649.88620	.04850
	GRADIENT	-.00011	-.00020	.00005	.00004	.36710	.62854	.00146

RUN NO. 1826/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.169	-5.695	.02270	.03730	-.01320	-.00760	1455.19600	646.06300	.31510
3.881	-3.680	.02150	.03510	-.01250	-.00640	1443.60010	643.27120	.30020
4.058	.202	.02070	.03320	-.01220	-.00990	771.66820	16.48340	.30060
3.764	4.012	.02190	.03560	-.01280	-.00120	1461.87450	660.13160	.29700
4.015	5.986	.02330	.03830	-.01370	.00270	1461.78470	650.94560	.31960
	GRADIENT	.00005	.00006	-.00004	.00067	1.82854	1.68156	-.00041

RUN NO. 1845/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.152	-5.681	.02260	.03700	-.01320	-.00500	1451.68700	642.57280	.43350
6.064	-3.707	.02110	.03440	-.01230	-.00550	1438.03320	639.52880	.42800
5.952	.210	.02000	.03210	-.01180	-.00910	8084.28912	6793.64447	.42380
5.550	3.973	.02140	.03480	-.01250	-.00120	1464.77290	664.39550	.39910
5.619	6.015	.02370	.03880	-.01380	.00260	1463.42770	654.93680	.41590
	GRADIENT	.00004	.00005	-.00002	.00055	15.09501	13.99110	-.00374

1A105A, AEDC PWT-TF470, 0 T S WO/SILTS (W8M067) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1827/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.205	-3.915	.02670	.04390	-.01540	-.01840	1464.41020	650.28050	-.47500
-8.283	.355	.02550	.04150	-.01490	-.01610	1410.44411	628.94700	-.48430
-7.987	4.260	.02710	.04460	-.01570	-.00750	1463.21919	656.30710	-.45180
	GRADIENT	.00004	.00008	-.00003	.00132	-.33977	.64811	.00276

RUN NO. 1828/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-6.263	-3.987	.02570	.04230	-.01490	-.01650	1457.43359	648.16140	-.35660
-6.099	.198	.02430	.03960	-.01420	-.01360	1492.71851	686.05540	-.33900
-5.714	4.366	.02600	.04300	-.01500	-.00590	1468.66209	658.34620	-.29860
	GRADIENT	.00004	.00008	-.00001	.00127	1.34913	1.22468	.00694

RUN NO. 1829/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.109	-4.088	.02530	.04180	-.01470	-.01460	1454.26810	647.18970	-.22340
-4.111	.192	.02370	.03880	-.01380	-.01240	1726.96950	778.46290	-.20920
-3.937	4.280	.02530	.04180	-.01460	-.00470	1473.86819	662.05690	-.18880
	GRADIENT	-.00000	-.00001	.00001	.00118	2.82321	2.00313	.00413

RUN NO. 1830/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-2.304	-4.157	.02470	.04070	-.01420	-.01270	1449.46970	643.70410	-.11270
-2.206	.194	.02280	.03730	-.01320	-.01040	1867.04930	924.11180	-.08890
-1.679	4.291	.02460	.04060	-.01420	-.00340	1473.41040	661.77030	-.05030
	GRADIENT	-.00002	-.00002	.00000	.00109	3.79618	2.78225	.00737

RUN NO. 1831/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.196	-4.354	.02390	.03950	-.01380	-.01070	1446.51221	642.81370	.01780
-.248	-.303	.02210	.03590	-.01290	-.00920	1288.56200	586.10060	.01840
-.185	3.546	.02430	.04010	-.01400	-.00450	1474.68820	664.37650	.02970
	GRADIENT	.00005	.00007	-.00002	.00078	3.19275	2.58248	.00149

1A105A, AEDC PWT-TF470, O T S W0/SILTS (W8M067) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1832/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
2.212	-3.720	.02360	.03890	-.01370	-.00660	1437.17500	637.23290	.19270
1.792	.201	.02220	.03600	-.01300	-.00840	149.89140	-303.74460	.16250
1.711	3.833	.02390	.03940	-.01380	-.00350	1471.40379	662.44680	.16580
	GRADIENT	.00003	.00006	-.00001	.00040	.12203	.11446	-.00362

RUN NO. 1833/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
3.956	-3.758	.02340	.03840	-.01360	-.00580	1436.93330	639.26370	.30420
4.038	.200	.02250	.03650	-.01320	-.00700	1819.04691	900.97580	.30860
3.782	3.987	.02410	.03970	-.01390	-.00210	1471.70461	665.75850	.30490
	GRADIENT	.00009	.00016	-.00004	.00047	5.18555	3.89499	.00010

1A105A, AEDC PWT-TF470, O T S W0/SILTS (W8M068) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1834/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.314	-6.032	.03130	.05200	-.01800	-.02070	1460.83839	645.06420	-.49740
-8.362	-3.934	.02950	.04890	-.01700	-.01970	1459.10471	647.93240	-.50070
-8.279	.319	.02740	.04490	-.01600	-.01790	1137.30881	654.56860	-.48800
-8.017	4.273	.02980	.04960	-.01710	-.00840	1465.59351	658.48580	-.46220
-7.758	6.248	.03150	.05250	-.01800	-.00500	1473.25610	658.24270	-.44990
	GRADIENT	.00003	.00007	-.00001	.00136	-.17058	1.28935	.00467

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M068) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1835/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.215	-6.148	.02920	.04860	-.01670	-.01740	1457.68629	643.23100	-.23140
-4.443	-4.098	.02780	.04620	-.01590	-.01630	1450.78050	644.17020	-.24760
-4.126	.187	.02650	.04360	-.01540	-.01330	1455.47141	662.47710	-.21730
-3.941	4.271	.02800	.04650	-.01610	-.00590	1464.63550	656.72240	-.19210
-3.676	6.247	.02990	.04980	-.01710	-.00380	1470.36670	655.03170	-.17740
	GRADIENT	.00002	.00003	-.00002	.00124	1.65094	1.52260	.00664

RUN NO. 1836/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.073	-6.264	.02860	.04790	-.01630	-.01360	1456.59520	641.85940	.02590
-.158	-4.389	.02630	.04380	-.01510	-.01170	1447.27029	641.31840	.01870
-.189	-.142	.02580	.04230	-.01500	-.01010	1375.05350	640.14430	.00930
-.112	3.625	.02650	.04380	-.01530	-.00510	1459.03590	654.16920	.03020
-.006	5.687	.02750	.04560	-.01580	-.00220	1468.60330	654.04540	.05230
	GRADIENT	.00002	-.00001	-.00002	.00081	1.07702	1.56383	.00136

RUN NO. 1837/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.175	-5.665	.02630	.04390	-.01500	-.00890	1456.22530	647.88350	.31260
3.866	-3.672	.02540	.04230	-.01460	-.00580	1436.07010	639.60420	.29780
4.044	.195	.02530	.04110	-.01480	-.00860	-328.34080	-465.95120	.30130
3.734	3.960	.02600	.04290	-.01500	-.00260	1469.53740	668.50460	.29320
3.808	5.874	.02680	.04440	-.01540	.00100	1471.78661	661.92820	.30130
	GRADIENT	.00008	.00008	-.00005	.00041	2.27300	2.19770	-.00060

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M089) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1838/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.274	-6.057	.03630	.06050	-.02080	-.02440	1479.83760	654.36080	-.53830
-8.370	-3.960	.03450	.05750	-.01970	-.02060	1474.88429	654.63790	-.53810
-8.319	.338	.03440	.05690	-.01980	-.01880	1852.48779	1222.98830	-.54030
-7.996	4.290	.03590	.05950	-.02070	-.00710	1486.38890	668.67630	-.51080
	GRADIENT	.00017	.00024	-.00012	.00162	2.65379	3.60285	.00325

RUN NO. 1839/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-6.238	-4.035	.03310	.05520	-.01890	-.01880	1473.59990	654.37940	-.38230
-6.107	.192	.03470	.05740	-.02000	-.01620	1298.66310	356.82100	-.37850
-5.983	4.310	.03430	.05680	-.01970	-.00610	1485.22681	669.12570	-.35770
	GRADIENT	.00014	.00019	-.00010	.00152	1.20407	1.44792	.00294

RUN NO. 1840/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.075	-4.132	.03240	.05430	-.01850	-.01720	1473.56960	654.77980	-.24120
-4.113	.185	.03270	.05400	-.01890	-.01530	1399.65970	550.78880	-.23830
-3.978	4.320	.03440	.05680	-.01980	-.00490	1484.78000	669.22390	-.22310
	GRADIENT	.00024	.00029	-.00015	.00145	1.19070	1.51924	.00213

RUN NO. 1841/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-2.378	-4.217	.03250	.05450	-.01860	-.01580	1470.86011	653.35010	-.12760
-2.169	.189	.03200	.05280	-.01850	-.01310	1388.96410	535.17990	-.10090
-1.882	4.318	.03330	.05500	-.01920	-.00360	1482.51781	668.90550	-.08080
	GRADIENT	.00009	.00005	-.00007	.00142	1.14346	1.50327	.00549

RUN NO. 1842/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.037	-4.368	.03210	.05390	-.01830	-.01410	1467.45950	652.32130	.02270
-.073	-.311	.03050	.05080	-.01750	-.01200	1430.82961	615.49070	.02960
.029	3.560	.03220	.05320	-.01860	-.00430	1479.35210	669.54660	.04590
	GRADIENT	.00001	-.00009	-.00004	.00123	1.41590	2.08273	.00292

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M069) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1.90.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1843/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
2.194	-3.678	.03140	.05290	-.01780	-.01070	1459.71410	649.93190	.18940
2.135	.203	.03190	.05280	-.01840	-.01020	1404.74950	565.45140	.18150
1.713	3.808	.03190	.05270	-.01840	-.00230	1476.50760	669.59740	.16200
	GRADIENT	.00007	-.00003	-.00008	.00111	2.03472	2.31676	-.00364

RUN NO. 1844/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
3.980	-3.727	.03120	.05270	-.01770	-.00990	1457.08740	651.63040	.30590
4.040	.201	.03160	.05200	-.01830	-.00990	1388.80960	541.22970	.30390
3.783	3.963	.03170	.05250	-.01830	-.00260	1475.40041	673.66040	.30310
	GRADIENT	.00007	-.00003	-.00008	.00094	2.23558	2.63633	-.00037

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M070) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1846/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.163	-6.115	.03970	.06600	-.02280	-.02610	1484.64140	655.50830	-.54370
-8.104	-4.018	.03860	.06400	-.02220	-.02170	1480.48511	655.90450	-.54890
-8.075	.190	.03720	.06160	-.02140	-.02030	701.94800	-425.16430	-.55210
-8.046	4.307	.03910	.06430	-.02260	-.00750	1490.95531	668.04910	-.53310
-7.723	6.331	.03970	.06550	-.02290	-.00630	1492.18970	664.28300	-.50920
	GRADIENT	.00006	.00003	-.00005	.00170	.57009	.50511	.00189

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M070) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1847/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.180	-6.198	.03770	.06280	-.02170	-.02290	1483.67410	655.09400	-.25620
-4.454	-4.140	.03690	.06130	-.02120	-.01880	1480.66330	656.44070	-.28720
-4.133	.184	.03740	.06200	-.02150	-.01630	1392.73801	530.03050	-.25680
-3.978	4.312	.03750	.06170	-.02170	-.00500	1490.89670	670.65210	-.22520
-3.596	6.303	.03800	.06250	-.02200	-.00420	1491.40649	665.31930	-.19900
	GRADIENT	.00007	.00005	-.00006	.00162	1.04122	1.43814	.00733

RUN NO. 1848/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.071	-6.289	.03670	.06120	-.02100	-.01750	1480.96730	655.02290	.02560
-.023	-4.403	.03560	.05950	-.02040	-.01490	1477.27150	654.61180	.02260
-.081	-.155	.03620	.06010	-.02080	-.01330	1449.70920	625.39770	.01510
.005	3.601	.03710	.06120	-.02140	-.00540	1484.27049	669.90360	.03340
.099	5.700	.03830	.06300	-.02220	-.00250	1487.36990	664.57570	.03980
	GRADIENT	.00019	.00021	-.00012	.00117	.71443	1.71950	.00128

RUN NO. 1849/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.193	-5.624	.03800	.06350	-.02170	-.01200	1478.33620	657.63700	.30600
3.895	-3.663	.03650	.06110	-.02090	-.01140	1468.58130	651.42210	.29330
4.050	.190	.03740	.06210	-.02150	-.01110	1377.77370	529.36160	.28910
3.761	3.949	.03660	.06060	-.02110	-.00360	1484.69090	673.91090	.28400
4.091	5.912	.03690	.06090	-.02130	.00020	1487.85249	668.98460	.31030
	GRADIENT	.00001	-.00006	-.00003	.00102	2.00929	2.81004	-.00122

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (W8M071) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1850/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.003	-6.098	.03470	.05760	-.02000	-.02830	1485.38921	656.42970	-.52450
-8.363	-3.996	.03400	.05600	-.01970	-.02380	1480.53439	656.04690	-.54530
-8.340	.260	.03260	.05380	-.01880	-.02070	1246.84570	327.10470	-.54490
-7.976	4.313	.03500	.05750	-.02030	-.00920	1491.87621	669.61910	-.51200
-7.758	6.341	.03640	.06000	-.02100	-.00690	1493.29170	665.45830	-.51450
	GRADIENT	.00012	.00017	-.00007	.00175	.89426	.97320	.00398

RUN NO. 1851/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.131	-6.202	.03350	.05570	-.01930	-.02410	1485.15480	657.27200	-.23550
-4.423	-4.143	.03250	.05390	-.01870	-.02020	1481.12570	657.26710	-.25610
-4.128	.183	.03150	.05200	-.01820	-.01720	1409.21001	556.27780	-.22550
-3.972	4.303	.03360	.05510	-.01950	-.00660	1491.23241	672.11010	-.22070
-3.600	6.297	.03510	.05780	-.02030	-.00540	1492.34061	666.71660	-.20000
	GRADIENT	.00013	.00014	-.00009	.00160	1.04884	1.54922	.00421

RUN NO. 1852/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.095	-6.298	.03270	.05430	-.01880	-.01960	1483.42210	656.28150	.03640
.002	-4.406	.03210	.05330	-.01840	-.01590	1478.43510	655.97560	.03610
-.039	-.159	.03100	.05130	-.01790	-.01390	1435.94901	610.57570	.04130
.045	3.596	.03170	.05200	-.01840	-.00600	1487.83400	672.40670	.05280
.142	5.692	.03250	.05330	-.01890	-.00330	1488.99510	666.18410	.06320
	GRADIENT	-.00005	-.00017	.00000	.00122	.93154	1.77627	.00207

RUN NO. 1853/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.206	-5.625	.03250	.05430	-.01860	-.01370	1480.00020	657.89530	.30430
3.890	-3.650	.03190	.05300	-.01830	-.01300	1471.83731	654.15650	.29190
4.032	.198	.03140	.05210	-.01810	-.01180	1393.60451	558.33080	.29480
3.768	3.951	.03160	.05200	-.01830	-.00390	1486.50270	674.54170	.29930
4.042	5.905	.03020	.04980	-.01750	-.00070	1490.22610	670.72660	.31610
	GRADIENT	-.00004	-.00013	.00000	.00119	1.83595	2.56620	.00097

1A105A, AEDC PWT-TF470, O T S WO/SILTS (WBM072) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 0.000

RUN NO. 1854/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.148	-4.029	.03120	.05100	-.01810	-.02570	1481.76511	656.73120	-.53290
-8.253	.255	.02970	.04890	-.01720	-.01920	649.17360	-538.38940	-.52430
-7.998	4.312	.03210	.05250	-.01860	-.00980	1492.30811	669.59940	-.50330
	GRADIENT	.00010	.00017	-.00006	.00190	-.55999	-1.07289	.00353

RUN NO. 1855/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-6.281	-4.041	.03060	.04990	-.01780	-.02350	1482.46831	657.46440	-.38870
-6.124	.194	.03020	.04970	-.01750	-.01600	919.95530	-227.07100	-.35860
-5.981	4.333	.03210	.05240	-.01870	-.00900	1491.62399	669.30350	-.34770
	GRADIENT	.00018	.00030	-.00011	.00173	.57036	.59261	.00490

RUN NO. 1856/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.007	-4.137	.02990	.04890	-.01740	-.02100	1482.62331	657.59110	-.22460
-4.122	.195	.02910	.04790	-.01680	-.01720	1369.38600	491.21610	-.21160
-3.979	4.323	.03230	.05270	-.01880	-.00770	1492.73801	670.56470	-.20120
	GRADIENT	.00028	.00044	-.00016	.00157	.96991	1.20379	.00277

RUN NO. 1857/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-2.387	-4.207	.02940	.04820	-.01710	-.01950	1481.53661	657.13990	-.11420
-2.156	.200	.02890	.04770	-.01670	-.01410	1335.70480	418.48710	-.07850
-1.899	4.315	.02960	.04840	-.01720	-.00610	1492.10210	671.19380	-.06280
	GRADIENT	.00002	.00002	-.00001	.00157	.83566	.99225	.00606

RUN NO. 1858/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.011	-4.368	.02880	.04770	-.01660	-.01760	1481.09109	657.71140	.03990
-.019	-.321	.02880	.04780	-.01660	-.01530	1447.38699	618.32470	.04700
.060	3.548	.02940	.04840	-.01700	-.00650	1491.96339	673.12720	.05680
	GRADIENT	.00008	.00009	-.00005	.00140	1.29904	1.85786	.00213

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M072) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1859/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
2.238	-3.700	.02800	.04630	-.01610	-.01520	1476.06790	655.05470	.19420
2.108	.214	.02870	.04720	-.01660	-.01210	1377.59010	507.75070	.17590
1.698	3.789	.02870	.04720	-.01670	-.00500	1492.28740	674.59810	.16160
	GRADIENT	.00009	.00012	-.00008	.00135	1.73552	1.97593	-.00436

RUN NO. 1860/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
3.948	-3.707	.02890	.04780	-.01660	-.01560	1475.23680	655.28710	.29450
4.041	.213	.02900	.04760	-.01680	-.01160	1350.27049	481.17040	.30050
3.786	3.949	.02860	.04690	-.01660	-.00350	1489.63110	672.93990	.29170
	GRADIENT	-.00004	-.00012	-.00000	.00158	1.60347	1.92285	-.00035

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M073) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1861/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.251	-6.055	.03060	.05100	-.01750	-.02830	1488.94530	656.31150	-.55000
-8.432	-3.968	.02940	.04870	-.01690	-.02630	1484.92599	657.47440	-.55470
-8.295	.374	.02820	.04660	-.01620	-.01930	1711.78000	1028.35300	-.53710
-8.033	4.350	.02860	.04700	-.01660	-.01030	1492.33670	667.57930	-.52600
-7.695	6.358	.03050	.05040	-.01760	-.00710	1494.74760	662.44460	-.50610
	GRADIENT	-.00010	-.00021	.00004	.00192	1.67733	2.50503	.00346

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M073) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 876.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1862/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.304	-6.197	.03000	.04980	-.01720	-.02400	1489.95700	657.19530	-.25960
-4.477	-4.125	.02850	.04700	-.01650	-.02210	1485.40359	657.68380	-.26630
-4.135	.233	.02780	.04620	-.01600	-.01750	1413.63181	535.75590	-.21370
-4.053	4.325	.02910	.04800	-.01680	-.00750	1492.13330	667.58690	-.22380
-3.558	6.311	.03150	.05230	-.01810	-.00520	1494.56320	662.63550	-.19590
	GRADIENT	.00007	.00012	-.00003	.00172	.60949	.85636	.00511

RUN NO. 1863/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.093	-6.329	.02820	.04730	-.01610	-.02060	1488.18311	655.43850	.01010
-.182	-4.431	.02750	.04550	-.01590	-.01870	1483.79810	657.16530	.01290
-.175	-.198	.02700	.04470	-.01560	-.01620	1448.15770	615.73320	.02860
-.115	3.569	.02780	.04610	-.01600	-.00720	1490.90500	668.19340	.03320
-.071	5.674	.02880	.04770	-.01660	-.00470	1493.71170	663.78470	.03370
	GRADIENT	.00003	.00007	-.00001	.00142	.69730	1.14931	.00256

RUN NO. 1864/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.217	-5.605	.02800	.04500	-.01600	-.00650	1485.23000	657.34740	.29140
3.906	-3.606	.02700	.04450	-.01500	-.01600	1478.93820	653.48490	.28060
4.022	.245	.02680	.04400	-.01560	-.01110	1328.66800	449.57300	.28530
3.696	3.974	.02720	.04500	-.01570	-.00380	1490.97360	670.22880	.27250
3.986	5.920	.02850	.04710	-.01640	-.00120	1494.63499	666.30100	.28890
	GRADIENT	.00003	.00006	-.00009	.00161	1.36718	1.90932	-.00106

IA105A, AEDC PWT-TF470, O T S WO/SILTS (WBM074) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.550 RN/L = 3.200
IB-ELV = 12.000 OB-ELV = 5.000

RUN NO. 1865/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.476	-6.069	.02800	.04640	-.01620	-.02850	1489.81540	655.34860	-.65690
-8.496	-3.899	.02720	.04550	-.01560	-.02670	1486.90450	658.44580	-.55020
-8.355	.462	.02550	.04260	-.01460	-.02000	1506.33690	742.17310	-.52600
-7.965	4.448	.02610	.04330	-.01500	-.01060	1492.34990	665.27370	-.51590
-7.736	6.449	.02600	.04550	-.01500	-.00770	1494.85159	661.24320	-.51210
	GRADIENT	-.00014	-.00027	.00007	.00192	.71171	1.10495	.00413

RUN NO. 1866/ 0 RN/L = 3.19 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.376	-6.214	.02780	.04680	-.01580	-.02400	1489.54610	654.15700	-.26620
-4.605	-4.109	.02700	.04490	-.01550	-.02190	1487.47850	657.63600	-.27960
-4.233	.315	.02620	.04380	-.01500	-.01720	1464.11890	87.84720	-.23270
-3.958	4.449	.02610	.04320	-.01500	-.01250	1493.35719	665.76370	-.22610
-3.565	6.363	.02600	.04300	-.01500	-.00500	1494.55470	660.56010	-.21010
	GRADIENT	-.00011	-.00020	.00006	.00110	.61711	-.56862	.00630

RUN NO. 1867/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.244	-6.373	.02620	.04430	-.01490	-.02000	1489.52780	653.51120	-.00190
-.319	-4.498	.02620	.04340	-.01510	-.01790	1486.46310	657.10790	-.00190
-.334	-.226	.02540	.04210	-.01460	-.01600	1470.48930	635.87280	.00450
-.297	3.509	.02640	.04400	-.01520	-.00790	1491.60840	665.78130	.00760
-.248	5.608	.02680	.04490	-.01530	-.00390	1495.38130	661.08670	.01140
	GRADIENT	.00002	.00007	-.00001	.00123	.53813	.93890	.00119

RUN NO. 1868/ 0 RN/L = 3.20 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.249	-5.525	.02750	.04690	-.01550	.00660	1487.97681	654.86080	.27170
3.905	-3.514	.02580	.04240	-.01490	-.01290	1484.95340	655.34910	.26360
3.914	.327	.02590	.04270	-.01490	-.01160	1402.02560	537.95920	.26600
3.608	3.992	.02640	.04380	-.01510	-.00460	1494.58350	669.09250	.25430
3.876	5.944	.02800	.04690	-.01600	-.00090	1494.78810	661.56300	.27310
	GRADIENT	.00008	.00019	-.00003	.00110	1.09964	1.57134	-.00122

IA105A, AEDC PWT-TF470, O T S WO/SILTS (WBM075) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1694/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.105	-7.946	.02620	.04270	-.01530	-.01930	1460.14450	642.86080	-.39530
-8.076	-3.872	.02400	.03870	-.01410	-.01800	1458.20731	643.01760	-.40600
-8.120	.330	.02240	.03560	-.01330	-.01600	1722.12260	974.21630	-.40070
-7.922	4.170	.02400	.03840	-.01420	-.00760	1479.54520	671.32540	-.37670
-7.864	8.190	.02650	.04250	-.01570	-.00250	1470.03641	653.77510	-.37570
	GRADIENT	-.00001	-.00005	-.00001	.00141	3.59461	4.69830	.00361

RUN NO. 1695/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.188	-8.047	.02550	.04140	-.01490	-.01690	1459.23050	640.81080	-.18190
-4.129	-3.939	.02260	.03650	-.01330	-.01450	1456.90280	644.09450	-.18490
-4.002	.185	.02190	.03490	-.01300	-.01300	1279.55200	418.66360	-.16440
-3.828	4.161	.02270	.03660	-.01340	-.00500	1478.64481	670.74760	-.13980
-3.792	8.163	.02550	.04120	-.01500	-.00140	1468.99609	651.99050	-.14270
	GRADIENT	.00001	.00001	-.00001	.00117	2.40016	2.93022	.00556

RUN NO. 1696/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.132	-8.249	.02410	.03910	-.01410	-.01390	1457.31149	636.69950	.03660
-.223	-4.025	.02210	.03580	-.01300	-.01020	1452.48070	641.67330	.02270
-.207	-.079	.02060	.03280	-.01220	-.01010	1377.71040	555.11910	.02850
-.164	3.839	.02190	.03530	-.01290	-.00340	1479.56050	671.70000	.03840
-.075	7.830	.02470	.04000	-.01450	-.00020	1468.82980	652.05270	.05400
	GRADIENT	-.00003	-.00006	.00001	.00086	3.41678	3.78751	.00200

RUN NO. 1697/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.257	-7.801	.02350	.03810	-.01380	-.01040	1456.34200	637.86250	.32690
4.164	-3.823	.02100	.03390	-.01240	-.00570	1447.88330	639.26220	.31490
4.098	.193	.02050	.03260	-.01220	-.01000	1292.86520	446.03980	.29560
3.843	4.102	.02200	.03560	-.01300	-.00040	1479.08940	677.18990	.28650
3.893	7.974	.02430	.03930	-.01430	.00130	1467.56570	650.12990	.30100
	GRADIENT	.00013	.00021	-.00008	.00066	3.74652	4.54811	-.00359

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (WBM075) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1728/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
8.168	-7.697	.02360	.03800	-.01390	-.00810	1453.53520	635.13350	.54670
8.176	-3.771	.02060	.03310	-.01220	-.00420	1445.19380	631.57890	.54660
7.799	.145	.01930	.03090	-.01140	-.01240	1326.44040	472.43260	.50760
8.122	4.132	.02090	.03340	-.01240	-.00120	1485.14090	686.35500	.54070
8.189	8.096	.02410	.03860	-.01420	.00270	1472.71530	656.64110	.55480
	GRADIENT	.00004	.00004	-.00003	.00039	5.16158	7.07479	-.00072

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (WBM076) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1698/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.283	-5.997	.02550	.04180	-.01480	-.01920	1457.86349	644.12740	-.43790
-8.344	-3.871	.02420	.03950	-.01410	-.01840	1452.39841	641.78420	-.44100
-8.282	.360	.02290	.03690	-.01340	-.01460	2058.79471	2565.64310	-.44250
-7.998	4.243	.02440	.03970	-.01430	-.00660	1470.12041	665.00320	-.40830
-7.761	6.244	.02560	.04170	-.01490	-.00340	1468.54469	657.77080	-.39490
	GRADIENT	.00002	.00002	-.00002	.00145	4.29190	9.60913	.00396

RUN NO. 1699/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.237	-6.092	.02440	.03990	-.01420	-.01600	1458.01540	643.21310	-.18800
-4.439	-4.052	.02330	.03820	-.01350	-.01480	1452.09730	642.48540	-.20400
-4.110	.193	.02210	.03580	-.01300	-.01200	1376.87210	528.14550	-.17410
-3.925	4.261	.02320	.03770	-.01350	-.00360	1470.58591	664.88230	-.15690
-3.641	6.227	.02450	.03990	-.01430	-.00150	1467.42770	656.23630	-.13120
	GRADIENT	-.00001	-.00006	.00000	.00132	2.08040	2.48085	.00568

1A105A, AEDC PWT-TF470, O T S W0/SILTS (W8M076) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1700/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.148	-6.107	.02370	.03880	-.01380	-.01280	1456.62500	641.90530	.04550
-.201	-4.289	.02240	.03690	-.01300	-.01020	1450.76880	642.85600	.03740
-.210	-.264	.02110	.03410	-.01240	-.01000	1380.31490	575.27200	.03730
-.141	3.626	.02190	.03570	-.01280	-.00220	1469.16800	664.95410	.05170
-.039	5.698	.02340	.03820	-.01360	.00010	1465.76289	654.40500	.07830
	GRADIENT	-.00006	-.00015	.00003	.00101	2.20996	2.67869	.00180

RUN NO. 1701/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.188	-5.695	.02240	.03670	-.01300	-.00760	1453.10719	641.98270	.34510
3.865	-3.706	.02140	.03490	-.01240	-.00560	1443.73070	639.48220	.32150
4.014	.199	.02090	.03360	-.01230	-.00950	1302.30251	480.26490	.32310
3.775	4.000	.02180	.03540	-.01270	-.00070	1468.50020	670.29960	.32540
4.000	5.992	.02340	.03820	-.01360	.00280	1466.80859	657.73460	.33980
	GRADIENT	.00005	.00006	-.00004	.00063	3.03418	3.79460	.00051

RUN NO. 1702/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.345	-5.706	.02250	.03680	-.01310	-.00490	1453.96530	643.55400	.46800
6.072	-3.717	.02100	.03440	-.01220	-.00490	1445.38960	642.23610	.45530
5.932	.208	.02030	.03260	-.01200	-.00860	1343.52690	513.42410	.45220
5.641	4.012	.02140	.03480	-.01250	-.00110	1466.53320	670.92650	.43710
6.011	6.056	.02290	.03730	-.01330	.00270	1466.49370	660.10570	.46250
	GRADIENT	.00005	.00005	-.00004	.00048	2.58569	3.52113	-.00235

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M077) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1703/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.289	-6.014	.02840	.04700	-.01640	-.01920	1460.51930	644.30540	-.47760
-8.330	-3.935	.02640	.04360	-.01530	-.01900	1459.88280	645.71000	-.47360
-8.308	.310	.02520	.04110	-.01470	-.01600	2567.12549	3049.74731	-.47410
-8.007	4.256	.02680	.04410	-.01550	-.00760	1462.44141	662.06180	-.44650
-7.753	6.250	.02770	.04590	-.01600	-.00410	1471.22530	660.80270	-.42360
	GRADIENT	.00004	.00005	-.00002	.00138	3.60826	9.13578	.00327

RUN NO. 1704/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.249	-6.147	.02630	.04350	-.01520	-.01660	1460.31180	642.87740	-.22310
-4.413	-4.093	.02480	.04080	-.01430	-.01500	1457.77730	645.49390	-.22980
-4.116	.188	.02390	.03910	-.01390	-.01190	1491.98460	633.64650	-.19590
-3.938	4.270	.02500	.04130	-.01450	-.00530	1463.31010	664.31130	-.17370
-3.665	6.246	.02640	.04360	-.01530	-.00290	1470.62939	659.71970	-.15850
	GRADIENT	.00002	.00006	-.00002	.00116	.72146	2.20934	.00672

RUN NO. 1705/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.088	-6.235	.02490	.04090	-.01440	-.01350	1461.56230	645.07760	.04210
-.189	-4.391	.02440	.04020	-.01410	-.01070	1455.49899	645.41650	.02990
-.210	-.078	.02210	.03600	-.01290	-.00900	1492.37331	661.52910	.03690
-.136	3.650	.02380	.03930	-.01380	-.00480	1458.55640	663.29470	.05120
-.044	5.685	.02550	.04220	-.01470	-.00010	1468.86990	659.50730	.06540
	GRADIENT	-.00009	-.00013	.00004	.00072	.59249	2.26249	.00262

RUN NO. 1711/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.192	-5.665	.02430	.04000	-.01410	-.00770	1454.57280	644.82230	.33970
4.106	-3.710	.02330	.03810	-.01350	-.00570	1443.57449	639.24370	.33560
3.991	.203	.02230	.03600	-.01310	-.00750	1388.21291	556.44360	.32530
3.788	3.991	.02360	.03900	-.01370	-.00230	1464.83960	673.18920	.32140
4.023	5.960	.02480	.04090	-.01440	.00200	1467.04150	663.89870	.34100
	GRADIENT	.00004	.00011	-.00003	.00044	2.66900	4.26831	-.00185

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M078) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1707/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.061	-6.002	.03060	.05090	-.01760	-.02080	1466.24440	647.02000	-.48260
-8.373	-3.962	.03030	.05040	-.01740	-.02030	1462.88870	644.94140	-.49350
-8.299	.262	.02770	.04520	-.01610	-.01780	1478.37920	522.31450	-.48160
-7.996	4.268	.03010	.05010	-.01730	-.00810	1472.08200	668.46120	-.45390
-7.784	6.255	.03080	.05140	-.01760	-.00490	1477.62621	664.70090	-.44660
	GRADIENT	-.00003	-.00005	.00001	.00147	1.14019	2.56924	.00479

RUN NO. 1708/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.124	-6.130	.02900	.04830	-.01660	-.01750	1462.92580	644.35180	-.21950
-4.452	-4.110	.02780	.04630	-.01590	-.01690	1461.10130	645.52290	-.24010
-4.111	.186	.02650	.04360	-.01530	-.01340	1472.56960	611.00000	-.20340
-3.958	4.276	.02820	.04690	-.01620	-.00580	1469.26270	667.87840	-.18380
-3.665	6.238	.02950	.04910	-.01690	-.00390	1473.95869	662.04690	-.16710
	GRADIENT	.00004	.00007	-.00003	.00132	.98748	2.57578	.00673

RUN NO. 1710/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.067	-6.293	.02830	.04730	-.01620	-.01450	1461.77271	644.61820	.03980
-.128	-4.289	.02680	.04490	-.01530	-.01190	1453.67870	641.12670	.03130
-.148	-.166	.02550	.04190	-.01480	-.01000	1412.60770	580.49240	.02890
-.065	3.852	.02590	.04280	-.01490	-.00470	1459.00150	663.38400	.04940
.049	5.747	.02810	.04660	-.01610	-.00240	1470.25850	660.59030	.07300
	GRADIENT	-.00011	-.00026	.00005	.00088	.60771	2.65816	.00221

RUN NO. 1709/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.114	-5.663	.02640	.04410	-.01510	-.00880	1459.03540	647.93260	.32710
3.838	-3.676	.02550	.04230	-.01460	-.00600	1443.47440	637.50850	.31620
3.948	.190	.02580	.04180	-.01510	-.00870	1431.48680	567.77560	.31230
3.794	3.983	.02550	.04210	-.01480	-.00290	1458.76440	671.87870	.31360
4.067	5.942	.02710	.04500	-.01560	.00130	1471.22340	667.82860	.33620
	GRADIENT	.00000	-.00003	-.00003	.00040	1.98004	4.41551	-.00034

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M079) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1712/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.044	-6.082	.03560	.05940	-.02040	-.02370	1479.82201	651.52710	-.51910
-8.351	-3.992	.03390	.05640	-.01940	-.02080	1473.97900	649.42970	-.52830
-8.073	.181	.03390	.05600	-.01960	-.01860	1403.14180	515.92820	-.50440
-7.964	4.294	.03570	.05900	-.02060	-.00690	1490.75270	676.87380	-.49650
-7.723	6.304	.03640	.06060	-.02090	-.00380	1493.13451	671.02250	-.48760
	GRADIENT	.00022	.00031	-.00014	.00167	1.97799	3.22596	.00384

RUN NO. 1713/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-3.968	-6.181	.03450	.05760	-.01980	-.02060	1477.77341	650.44360	-.22580
-4.434	-4.136	.03260	.05460	-.01860	-.01750	1472.79221	649.37870	-.25170
-4.109	.181	.03240	.05350	-.01870	-.01520	1421.98000	557.49900	-.22620
-3.975	4.319	.03390	.05610	-.01950	-.00460	1488.73900	678.40550	-.20650
-3.615	6.286	.03470	.05750	-.02000	-.00270	1491.09230	671.17770	-.18770
	GRADIENT	.00015	.00017	-.00011	.00152	1.78745	3.25459	.00535

RUN NO. 1714/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.096	-6.284	.03300	.05540	-.01880	-.01590	1473.86060	650.29930	.04410
-.009	-4.390	.03090	.05200	-.01760	-.01380	1467.83720	647.75050	.03970
-.035	-.236	.03090	.05140	-.01780	-.01160	1431.34550	593.67720	.04380
.042	3.591	.03180	.05270	-.01830	-.00380	1481.44240	677.13060	.05700
.166	5.671	.03310	.05480	-.01910	-.00100	1484.83180	670.24930	.07400
	GRADIENT	.00011	.00008	-.00009	.00124	1.55547	3.44369	.00215

RUN NO. 1715/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.196	-5.641	.03220	.05440	-.01830	-.01090	1467.91310	652.31490	.32860
3.909	-3.677	.03090	.05230	-.01750	-.01000	1457.85860	644.72240	.31720
4.074	.197	.03170	.05260	-.01830	-.01000	1406.65311	549.58010	.32200
3.757	3.956	.03110	.05150	-.01790	-.00220	1477.92310	684.29030	.30880
3.816	5.849	.03200	.05280	-.01840	.00150	1482.95950	675.89670	.32010
	GRADIENT	.00003	-.00010	-.00005	.00102	2.54802	5.03245	-.00111

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (W8M080) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = 9.000

RUN NO. 1716/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.026	-6.188	.03860	.06410	-.02220	-.02570	1483.38330	651.75440	-.53390
-8.462	-3.958	.03810	.06320	-.02200	-.02220	1477.56419	649.30050	-.57440
-8.303	.348	.03710	.06140	-.02140	-.01950	1262.10010	258.89620	-.55810
-7.999	4.309	.03880	.06370	-.02250	-.00710	1495.76981	676.57910	-.51990
-7.690	6.318	.04040	.06670	-.02330	-.00580	1495.83980	669.16500	-.49950
	GRADIENT	.00008	.00005	-.00006	.00181	1.44828	1.94358	.00655

RUN NO. 1717/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.176	-6.199	.03750	.06230	-.02150	-.02250	1483.26070	652.26000	-.24940
-4.438	-4.148	.03660	.06080	-.02110	-.01870	1479.05321	651.10420	-.27360
-4.130	.181	.03630	.06010	-.02090	-.01680	1410.82100	534.28980	-.24360
-4.006	4.324	.03650	.06010	-.02120	-.00500	1495.29150	677.95850	-.22020
-3.578	6.292	.03740	.06160	-.02170	-.00420	1495.35420	670.94140	-.18690
	GRADIENT	-.00001	-.00008	-.00001	.00161	1.78433	2.94398	.00631

RUN NO. 1718/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.113	-6.279	.03620	.06010	-.02080	-.01750	1480.08060	651.85940	.04340
.008	-4.412	.03550	.05920	-.02030	-.01510	1475.91991	649.90940	.03540
-.058	-.144	.03520	.05850	-.02030	-.01280	1441.45731	597.57010	.02690
.024	3.601	.03620	.05970	-.02090	-.00510	1489.98441	678.63890	.04020
.169	5.689	.03810	.06280	-.02210	-.00230	1491.30659	670.52690	.06350
	GRADIENT	.00008	.00006	-.00007	.00123	1.52801	3.21907	.00054

RUN NO. 1719/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.196	-5.615	.03730	.06230	-.02140	-.01210	1476.63310	652.92380	.32010
3.889	-3.667	.03670	.06120	-.02100	-.01130	1467.59831	645.57840	.30250
4.060	.196	.03670	.06100	-.02110	-.01110	1391.54640	522.24020	.30470
3.768	3.949	.03590	.05950	-.02070	-.00330	1490.20920	684.69650	.29510
4.079	5.905	.03700	.06110	-.02140	.00010	1492.96730	676.61740	.32280
	GRADIENT	-.00010	-.00022	.00004	.00105	2.85863	4.95611	-.00096

1A105A, AEDC PWT-TF470, O T S WO/SILTS (W8M081) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.150 RN/L = 3.500
1B-ELV = 12.000 0B-ELV = 9.000

RUN NO. 1720/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.419	-6.247	.03530	.05870	-.02030	-.02850	1484.20390	652.41670	-.55110
-8.359	-3.961	.03430	.05630	-.01990	-.02340	1477.89211	649.44430	-.54100
-8.324	.355	.03260	.05380	-.01890	-.02030	1347.79810	423.18870	-.53410
-7.985	4.315	.03450	.05660	-.02010	-.00880	1496.66750	678.48320	-.50560
-7.747	6.320	.03610	.05940	-.02090	-.00680	1497.14549	671.25120	-.50140
	GRADIENT	.00002	.00003	-.00002	.00175	1.78490	2.67400	.00424

RUN NO. 1721/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.183	-6.219	.03300	.05480	-.01900	-.02400	1483.34380	653.04100	-.23280
-4.405	-4.133	.03290	.05450	-.01900	-.02010	1478.33420	650.80350	-.24800
-4.126	.185	.03140	.05180	-.01810	-.01730	1420.49609	550.72880	-.21530
-3.982	4.310	.03320	.05440	-.01930	-.00650	1496.09109	680.53000	-.21150
-3.599	6.304	.03410	.05600	-.01980	-.00500	1496.36870	672.36940	-.19030
	GRADIENT	.00003	-.00002	-.00003	.00160	1.90255	3.31310	.00435

RUN NO. 1722/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.121	-6.277	.03270	.05440	-.01880	-.01920	1481.76151	652.67580	.04610
.028	-4.410	.03180	.05280	-.01820	-.01610	1475.55859	649.76150	.04660
-.015	-.155	.03090	.05110	-.01790	-.01350	1427.95261	581.28100	.05320
.069	3.601	.03140	.05160	-.01820	-.00530	1493.71460	682.40280	.06460
.200	5.683	.03190	.05210	-.01850	-.00320	1493.09351	672.43730	.08310
	GRADIENT	-.00005	-.00016	.00000	.00133	1.97028	3.63070	.00223

RUN NO. 1723/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.204	-5.630	.03200	.05320	-.01830	-.01340	1477.92039	653.17680	.31330
3.894	-3.652	.03150	.05240	-.01810	-.01330	1469.22831	646.73610	.29690
4.068	.198	.03120	.05170	-.01800	-.01200	1401.21220	545.42970	.30990
3.747	3.954	.03050	.05020	-.01770	-.00350	1493.31149	686.21120	.30220
4.058	5.906	.03120	.05120	-.01810	-.00030	1495.18990	678.21290	.32780
	GRADIENT	-.00013	-.00029	.00005	.00128	3.07924	5.05836	.00071

IA105A, AEDC PWT-TF470, O T S W0/SILTS (WBM082) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.250 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 9.000

RUN NO. 1724/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.127	-6.146	.03330	.05540	-.01920	-.02870	1485.64011	652.99540	-.52470
-8.431	-3.962	.03100	.05060	-.01800	-.02560	1479.26460	650.66160	-.54290
-8.299	.356	.02980	.04900	-.01730	-.01630	1263.46851	276.17500	-.51900
-7.997	4.324	.03180	.05190	-.01850	-.00950	1496.69411	677.42630	-.49450
-7.766	6.322	.03180	.05230	-.01640	-.00670	1498.14330	670.08230	-.49550
	GRADIENT	.00009	.00015	-.00006	.00194	1.33970	1.91082	.00584

RUN NO. 1725/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.227	-6.196	.03020	.05000	-.01740	-.02480	1485.10010	653.41650	-.24210
-4.421	-4.154	.03020	.04920	-.01760	-.02150	1479.85600	650.97780	-.24620
-4.124	.190	.02900	.04780	-.01680	-.01800	1409.31880	529.23970	-.20580
-4.002	4.336	.02990	.04890	-.01740	-.00740	1497.75661	679.09250	-.19860
-3.593	8.278	.03310	.05440	-.01920	-.00460	1498.15770	671.37380	-.17840
	GRADIENT	-.00004	-.00004	.00002	.00165	1.96275	3.06268	.00564

RUN NO. 1726/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.087	-6.291	.02940	.04860	-.01690	-.02070	1483.52510	652.58980	.04110
.021	-4.409	.02880	.04760	-.01660	-.01730	1478.60181	651.22440	.04830
.012	-.174	.02830	.04670	-.01630	-.01500	1427.45309	578.44970	.06100
.074	3.586	.02870	.04710	-.01660	-.00610	1498.05250	683.99900	.06480
.138	5.683	.02860	.04690	-.01660	-.00430	1497.09770	673.40800	.06610
	GRADIENT	-.00001	-.00007	.00000	.00138	2.13043	3.65390	.00208

RUN NO. 1727/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
3.879	-3.613	.02920	.04820	-.01680	-.01530	1471.00951	646.15060	.29690
3.976	.206	.02890	.04770	-.01670	-.01160	1386.42239	510.68990	.30330
3.792	3.954	.02900	.04760	-.01680	-.00320	1498.17630	686.51270	.29410
4.034	5.907	.02890	.04710	-.01680	-.00130	1497.98219	677.04080	.31380
	GRADIENT	-.00003	-.00008	.00000	.00160	3.50893	5.20517	-.00036

1A105A, AEDC PWT-TF470, O T S WO/SILTS (W8M083) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1788/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.129	-7.959	.02620	.04250	-.01540	-.01980	1461.27811	644.17140	-.38910
-8.101	-3.864	.02370	.03820	-.01400	-.01820	1460.58009	646.29610	-.38720
-8.138	.302	.02220	.03530	-.01310	-.01610	1634.66650	853.48540	-.38900
-7.668	4.208	.02390	.03840	-.01410	-.00760	1477.84520	667.27080	-.34660
-7.595	8.106	.02660	.04270	-.01560	-.00240	1469.63721	652.60690	-.34690
	GRADIENT	.00002	.00002	-.00001	.00130	2.57820	3.12071	.00497

RUN NO. 1789/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.220	-8.010	.02570	.04180	-.01500	-.01710	1459.25320	640.96750	-.16550
-4.136	-3.940	.02270	.03660	-.01330	-.01460	1457.93359	645.80620	-.16850
-3.986	.187	.02190	.03480	-.01300	-.01330	1219.29590	347.67460	-.15200
-3.869	4.168	.02330	.03750	-.01370	-.00510	1477.38651	667.67940	-.12840
-3.789	8.175	.02630	.04230	-.01540	-.00150	1468.57710	651.05570	-.12940
	GRADIENT	.00007	.00011	-.00005	.00117	2.03019	2.23854	.00494

RUN NO. 1790/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.066	-8.128	.02440	.03950	-.01430	-.01400	1458.02029	638.15800	.06070
-.182	-4.270	.02130	.03450	-.01250	-.01120	1455.20610	644.79030	.04370
-.187	-.042	.02080	.03320	-.01230	-.01070	1378.84450	563.09810	.04360
-.136	3.798	.02200	.03530	-.01300	-.00380	1478.52319	669.12740	.05610
-.044	7.829	.02480	.04020	-.01450	-.00050	1468.21629	650.68140	.07180
	GRADIENT	.00008	.00009	-.00006	.00090	2.53968	2.64290	.00151

RUN NO. 1791/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.492	-7.720	.02360	.03840	-.01380	-.01010	1457.85330	639.61230	.35350
4.174	-3.822	.02170	.03510	-.01270	-.00600	1449.09610	641.51320	.33180
4.130	.194	.02090	.03340	-.01230	-.01030	1277.79691	437.77490	.31550
3.831	4.106	.02230	.03600	-.01310	-.00030	1478.16750	674.10720	.29600
3.876	7.963	.02440	.03930	-.01430	.00140	1467.61011	649.58470	.31440
	GRADIENT	.00007	.00011	-.00005	.00071	3.45927	3.86569	-.00451

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M083) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .600 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1792/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
8.217	-7.807	.02400	.03880	-.01410	-.00860	1458.22510	640.72120	.56770
8.180	-3.768	.01970	.03180	-.01160	-.00460	1450.82100	642.20260	.57510
7.798	.157	.01950	.03130	-.01150	-.01270	1287.59720	445.30980	.53180
8.110	4.127	.02110	.03360	-.01250	-.00140	1476.09300	670.09720	.55880
7.914	7.991	.02410	.03890	-.01420	.00310	1468.64481	651.79690	.55530
	GRADIENT	.00018	.00023	-.00011	.00041	3.28559	3.63456	-.00205

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1793/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.254	-5.972	.02540	.04160	-.01480	-.01930	1459.05830	646.12450	-.41890
-8.375	-3.879	.02400	.03930	-.01390	-.01860	1459.30760	647.32420	-.43680
-8.271	.356	.02330	.03770	-.01370	-.01470	1387.80299	168.77660	-.43500
-8.003	4.260	.02420	.03930	-.01410	-.00680	1468.93021	662.09380	-.39400
-7.764	6.239	.02590	.04230	-.01510	-.00330	1468.55830	656.42550	-.38080
	GRADIENT	.00002	-.00001	-.00002	.00144	.92856	.20218	.00519

RUN NO. 1794/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.270	-6.118	.02460	.04040	-.01430	-.01610	1458.72121	645.08080	-.18250
-4.328	-3.968	.02300	.03760	-.01340	-.01490	1456.36079	645.74190	-.18890
-4.146	.198	.02160	.03490	-.01270	-.01280	1396.60960	543.57420	-.17070
-3.923	4.259	.02310	.03750	-.01350	-.00390	1469.14841	662.30960	-.14910
-3.635	6.217	.02460	.04010	-.01440	-.00150	1468.01100	655.69560	-.12200
	GRADIENT	.00001	-.00001	-.00001	.00133	1.48615	1.89996	.00484

1A105A, AEDC PWT-TF470, 0 T S W0/SILTS (W8M084) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1795/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.087	-6.223	.02340	.03830	-.01360	-.01310	1456.42770	642.15310	.06440
-.167	-4.392	.02250	.03690	-.01300	-.01060	1452.77251	644.69460	.05230
-.179	-.301	.02120	.03440	-.01240	-.01000	1407.73140	600.03980	.05210
-.117	3.646	.02180	.03560	-.01270	-.00270	1467.92799	662.93950	.06650
-.009	5.709	.02330	.03810	-.01360	.00000	1466.53340	654.07860	.09260
	GRADIENT	-.00009	-.00016	.00004	.00098	1.80686	2.18946	.00176

RUN NO. 1796/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.180	-5.691	.02270	.03720	-.01320	-.00760	1453.52560	643.90580	.35330
3.888	-3.685	.02160	.03540	-.01260	-.00590	1445.01199	641.79930	.33690
4.047	.204	.02080	.03330	-.01230	-.00940	1329.77370	507.68600	.33730
3.769	4.003	.02180	.03550	-.01270	-.00130	1467.50490	668.40870	.33170
4.011	5.985	.02330	.03800	-.01360	.00290	1466.72530	656.67190	.35290
	GRADIENT	.00003	.00001	-.00001	.00059	2.79901	3.31348	-.00067

RUN NO. 1797/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.147	-5.673	.02240	.03660	-.01300	-.00480	1453.55930	645.06570	.47050
6.047	-3.712	.02140	.03490	-.01240	-.00510	1446.60130	644.17260	.46240
5.998	.214	.02030	.03260	-.01190	-.00870	1346.02900	517.12230	.46600
5.599	4.007	.02150	.03500	-.01260	-.00130	1466.90820	670.07980	.44010
5.850	5.968	.02290	.03730	-.01330	.00260	1466.34280	659.83760	.46720
	GRADIENT	.00001	.00001	-.00003	.00048	2.46696	3.14916	-.00287

1A105A, AEDC PWT-TF470, O T S W0/SILTS (W8M085) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .900 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1798/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.369	-6.030	.02760	.04570	-.01590	-.01910	1463.93359	647.25270	-.46940
-8.340	-3.919	.02660	.04370	-.01540	-.01920	1460.93629	647.05470	-.46640
-8.288	.315	.02510	.04100	-.01470	-.01640	1568.13550	551.37230	-.46770
-7.928	4.250	.02680	.04420	-.01550	-.00770	1461.32690	659.91650	-.42520
-7.806	6.238	.02820	.04690	-.01620	-.00460	1467.34891	656.91310	-.42220
	GRADIENT	.00002	.00005	-.00001	.00140	.36670	1.26933	.00498

RUN NO. 1799/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.211	-6.115	.02620	.04340	-.01510	-.01680	1461.23900	644.60330	-.20610
-4.438	-4.086	.02500	.04120	-.01440	-.01520	1455.43600	644.84160	-.22230
-4.147	.189	.02360	.03880	-.01370	-.01240	1430.99120	580.52690	-.19420
-3.981	4.287	.02530	.04160	-.01460	-.00520	1464.90939	662.44900	-.17070
-3.657	6.236	.02630	.04350	-.01520	-.00280	1470.19530	658.02760	-.15230
	GRADIENT	.00003	.00004	-.00002	.00119	1.08221	1.97971	.00617

RUN NO. 1800/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.064	-6.244	.02560	.04230	-.01480	-.01330	1460.59500	644.62500	.05170
-.152	-4.404	.02430	.04010	-.01400	-.01080	1454.78641	645.82810	.04530
-.183	-.111	.02230	.03630	-.01300	-.00930	1374.81960	580.30810	.05080
-.116	3.620	.02340	.03840	-.01350	-.00510	1469.07249	669.09720	.06230
-.014	5.700	.02470	.04080	-.01430	-.00010	1470.66920	659.88350	.07890
	GRADIENT	-.00012	-.00023	.00007	.00070	1.27050	2.44624	.00210

RUN NO. 1801/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.166	-5.675	.02410	.03960	-.01390	-.00780	1456.70461	648.04740	.34840
4.123	-3.709	.02350	.03840	-.01360	-.00570	1446.71800	644.25760	.34950
4.062	.201	.02250	.03620	-.01320	-.00780	1395.04590	575.93510	.33890
3.760	3.977	.02330	.03830	-.01350	-.00260	1470.02640	673.37770	.33100
4.024	5.974	.02520	.04160	-.01460	.00220	1467.72710	662.67990	.35180
	GRADIENT	-.00003	-.00002	.00001	.00040	2.93752	3.66433	-.00241

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M086) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1802/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.296	-6.001	.03080	.05140	-.01770	-.02100	1465.71440	647.53050	-.47920
-8.353	-3.928	.02920	.04860	-.01670	-.01990	1460.13429	644.67820	-.48450
-8.303	.333	.02830	.04650	-.01640	-.01770	1250.00270	63.29910	-.47680
-8.005	4.279	.02960	.04910	-.01700	-.00840	1468.91820	664.21260	-.44450
-7.775	6.237	.03100	.05170	-.01770	-.00500	1476.17720	662.11210	-.43200
	GRADIENT	.00005	.00005	-.00004	.00139	.40337	.54271	.00483

RUN NO. 1803/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.233	-6.157	.02910	.04850	-.01660	-.01760	1464.82520	646.26610	-.21690
-4.407	-4.087	.02760	.04600	-.01580	-.01670	1461.10960	646.85300	-.22450
-4.122	.186	.02610	.04290	-.01510	-.01360	1465.19749	608.14110	-.20030
-3.963	4.263	.02830	.04700	-.01630	-.00600	1468.03300	663.71190	-.17950
-3.657	6.258	.02950	.04910	-.01690	-.00390	1473.86520	660.37840	-.15860
	GRADIENT	.00008	.00011	-.00006	.00128	.83019	1.93083	.00539

RUN NO. 1804/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.003	-6.253	.02790	.04680	-.01600	-.01410	1463.93381	646.10380	.05660
-.077	-4.405	.02670	.04480	-.01530	-.01220	1458.35330	644.74880	.05150
-.130	-.135	.02540	.04160	-.01480	-.01040	1438.70390	604.16500	.04030
-.050	3.616	.02690	.04450	-.01550	-.00500	1451.80099	658.58130	.06170
.034	5.698	.02730	.04530	-.01570	-.00250	1468.73511	658.05660	.07570
	GRADIENT	.00002	-.00005	-.00002	.00089	-.90378	1.46680	.00118

RUN NO. 1805/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.170	-5.661	.02600	.04350	-.01480	-.00910	1458.62840	648.06130	.34140
3.873	-3.675	.02560	.04250	-.01470	-.00600	1443.66650	639.02030	.32730
4.062	.195	.02500	.04050	-.01460	-.00850	1419.37790	565.73490	.33350
3.743	3.969	.02570	.04250	-.01480	-.00310	1458.41209	668.60770	.32340
4.058	5.961	.02680	.04450	-.01540	.00110	1469.74760	664.66380	.34570
	GRADIENT	.00001	-.00000	-.00001	.00038	1.89427	3.77405	-.00050

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M087) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.050 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1806/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.321	-6.097	.03640	.06060	-.02090	-.02460	1479.74150	652.75980	-.52600
-8.347	-3.964	.03420	.05710	-.01960	-.02040	1472.31740	650.01590	-.51800
-8.327	.330	.03420	.05670	-.01970	-.01850	1248.53270	295.96410	-.52320
-8.030	4.294	.03540	.05860	-.02040	-.00700	1489.91409	674.19170	-.49460
-7.708	6.307	.03620	.06040	-.02070	-.00400	1491.95020	668.59110	-.47530
	GRADIENT	.00014	.00018	-.00010	.00161	1.38142	1.74797	.00278

RUN NO. 1807/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.185	-6.187	.03440	.05770	-.01960	-.02100	1477.78830	651.86650	-.22170
-4.454	-4.130	.03320	.05560	-.01890	-.01740	1472.86690	650.95040	-.24820
-4.130	.180	.03260	.05390	-.01880	-.01530	1407.89180	549.70900	-.21780
-3.976	4.297	.03330	.05520	-.01920	-.00490	1488.02730	675.50730	-.19910
-3.623	6.284	.03560	.05910	-.02050	-.00260	1490.29880	668.98680	-.18050
	GRADIENT	.00001	-.00005	-.00004	.00148	1.66728	2.70792	.00584

RUN NO. 1808/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.101	-6.281	.03420	.05730	-.01960	-.01640	1474.22610	651.13670	.05110
.026	-4.399	.03310	.05560	-.01880	-.01440	1469.79761	649.32980	.04990
-.014	-.156	.03040	.05050	-.01750	-.01210	1425.45360	587.77390	.05550
.062	3.603	.03240	.05360	-.01870	-.00390	1481.78590	675.90920	.06600
.172	5.686	.03300	.05470	-.01900	-.00120	1485.10110	668.77050	.08200
	GRADIENT	-.00010	-.00027	.00002	.00130	1.24228	2.93979	.00200

RUN NO. 1809/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.190	-5.639	.03300	.05580	-.01880	-.01120	1468.53960	653.80250	.33720
3.873	-3.641	.03080	.05200	-.01750	-.01020	1458.72189	646.74610	.32430
4.055	.200	.03110	.05160	-.01790	-.01010	1401.82060	550.66750	.32540
3.757	3.963	.03190	.05270	-.01840	-.00240	1480.29350	682.25660	.31970
4.078	5.923	.03240	.05340	-.01870	.00160	1483.87959	674.59570	.35090
	GRADIENT	.00014	.00009	-.00012	.00102	2.77653	4.56850	-.00060

1A105A, AEDC PWT-TF470, O T S W0/SILTS (W8M088) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 11.000

RUN NO. 1810/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-8.216	-6.066	.03840	.06390	-.02210	-.02630	1483.39090	653.04370	-.53840
-8.376	-3.983	.03800	.06300	-.02190	-.02210	1477.79640	650.88960	-.55140
-8.003	4.302	.03970	.06520	-.02300	-.00770	1493.81180	673.08570	-.50980
-7.745	6.329	.03970	.06550	-.02300	-.00630	1494.66190	667.00100	-.50010
	GRADIENT	.00021	.00027	-.00013	.00174	1.93308	2.67910	.00502

RUN NO. 1811/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-4.191	-6.199	.03770	.06260	-.02170	-.02260	1482.87450	652.99830	-.24250
-4.439	-4.139	.03680	.06100	-.02110	-.01890	1478.29520	651.65210	-.26640
-4.146	.185	.03680	.06100	-.02120	-.01690	1395.22510	516.76390	-.23650
-4.002	4.315	.03710	.06100	-.02150	-.00510	1494.62450	676.00950	-.20830
-3.581	6.304	.03800	.06260	-.02200	-.00430	1494.10820	668.53590	-.17800
	GRADIENT	.00004	.00000	-.00005	.00162	1.76631	2.61485	.00687

RUN NO. 1812/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.124	-6.274	.03610	.06020	-.02070	-.01790	1480.38260	652.59690	.05030
.026	-4.391	.03550	.05920	-.02030	-.01450	1475.45731	650.33400	.04570
-.033	-.165	.03670	.06090	-.02110	-.01270	1442.36870	605.36650	.04140
.047	3.598	.03620	.05960	-.02090	-.00560	1489.79810	677.76540	.05060
.143	5.690	.03810	.06250	-.02210	-.00240	1491.00999	669.20290	.06140
	GRADIENT	.00009	.00006	-.00008	.00110	1.59843	3.14610	.00058

RUN NO. 1813/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAO	BETAO	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
4.210	-5.637	.03750	.06240	-.02150	-.01220	1477.31230	654.07690	.32520
3.898	-3.651	.03650	.06100	-.02090	-.01130	1466.85600	645.87920	.31280
4.051	.198	.03690	.06140	-.02120	-.01130	1389.68630	525.05660	.30650
3.758	3.948	.03620	.05990	-.02090	-.00370	1488.90450	680.98360	.30100
4.083	5.916	.03720	.06120	-.02150	.00010	1491.79250	674.08180	.32890
	GRADIENT	-.00004	-.00014	-.00000	.00100	2.80169	4.46301	-.00155

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M089) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1957/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.983	-89.944	-.00220	-.00370	.00120	-.00080	1474.57910	660.14060	.04330
-5.991	.021	-.00240	-.00410	.00130	-.00090	1365.64059	83.55030	-.58060
-5.998	90.006	-.00230	-.00390	.00130	-.00090	1461.11600	644.73660	-.01220
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1958/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.001	-89.999	-.00220	-.00380	.00120	-.00090	1477.08690	469.85520	.01590
-.005	.007	-.00210	-.00370	.00120	-.00080	1441.50999	588.94680	-.07510
.009	90.019	-.00220	-.00370	.00120	-.00080	1461.60130	632.39990	-.02740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1959/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
5.991	-89.972	-.00230	-.00380	.00130	-.00090	1457.46970	643.06740	.01950
6.011	.010	-.00220	-.00370	.00120	-.00080	1365.80830	517.43240	.40940
6.007	90.019	-.00220	-.00380	.00130	-.00090	1473.15581	658.98800	.03910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1960/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.996	-89.917	-.00230	-.00390	.00130	-.00090	1475.05099	659.55490	.02490
-5.992	.015	-.00210	-.00360	.00120	-.00080	1386.85960	273.04200	-.59150
-6.000	90.006	-.00210	-.00360	.00120	-.00080	1459.71510	643.70460	.00500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M090) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1961/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.001	-90.013	-.00220	-.00380	.00120	-.00090	-1344.71460	-4501.92969	.02620
.001	.006	-.00240	-.00400	.00130	-.00090	1043.19971	-211.86110	-.07330
.010	90.019	-.00240	-.00400	.00130	-.00090	1414.45531	590.19290	-.04010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M091) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1948/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-6.001	-89.972	-.00180	-.00310	.00100	-.00070	1486.73560	663.04740	.03230
-6.014	-.281	-.00200	-.00350	.00110	-.00080	1221.32370	317.67920	-.72260
-5.998	90.073	-.00210	-.00350	.00120	-.00080	1481.22340	656.18160	.00740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1949/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.001	-89.999	-.00190	-.00330	.00110	-.00080	1568.90970	801.53270	.02170
-.003	-.014	-.00220	-.00370	.00120	-.00080	1734.67110	1024.30960	-.11110
.010	90.046	-.00210	-.00360	.00120	-.00080	1449.22391	623.95410	-.01460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1950/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.000	-89.985	-.00200	-.00340	.00110	-.00080	1479.46950	655.46410	.05960
5.998	-.018	-.00210	-.00360	.00120	-.00080	1098.52490	54.13450	.40190
6.006	90.019	-.00200	-.00350	.00110	-.00080	1487.78340	665.19680	-.01380
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (W8M092) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 2.000

RUN NO. 1951/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-6.002	-89.972	-.00220	-.00370	.00120	-.00080	1488.30930	664.51100	.03430
-6.005	-.017	-.00200	-.00340	.00110	-.00080	1840.28880	1125.60640	-.72910
-6.002	90.033	-.00210	-.00360	.00120	-.00080	1482.35570	656.87620	.00190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1952/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.004	-90.013	-.00200	-.00340	.00110	-.00080	1538.73100	754.95000	.04360
.014	90.033	-.00210	-.00360	.00120	-.00080	1445.91499	622.42360	-.03270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1953/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
5.996	-89.985	-.00200	-.00340	.00110	-.00080	1478.39700	653.91360	.04480
6.008	.011	-.00200	-.00340	.00110	-.00080	1348.60159	472.43750	.41520
6.036	89.979	-.00200	-.00340	.00110	-.00080	1489.70480	666.07250	-.00740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, 0 T S WO/SILTS (W8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1954/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.998	-89.985	-.00200	-.00340	.00110	-.00080	1489.99980	665.73830	.06150
-5.997	.006	-.00200	-.00350	.00110	-.00080	1697.53101	957.56590	-.72590
-5.999	90.033	-.00210	-.00360	.00120	-.00080	1483.05960	656.76880	-.01690
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M093) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.100 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 3.000

RUN NO. 1955/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.004	-90.027	-.00210	-.00360	.00120	-.00080	1730.62260	987.09890	.03220
-.001	.006	-.00200	-.00340	.00110	-.00080	1388.74150	532.03660	-.09760
.011	90.046	-.00250	-.00420	.00140	-.00100	1452.70680	625.47580	-.02730
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1956/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.000	-89.972	-.00210	-.00360	.00120	-.00080	1480.33960	654.83420	.02890
5.993	-.004	-.00200	-.00350	.00110	-.00080	1349.22971	470.69260	.42510
5.996	90.019	-.00190	-.00330	.00110	-.00070	1489.86909	665.98710	.01560
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1945/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.963	-89.972	-.00140	-.00230	.00080	-.00050	1492.26120	659.66720	.02950
-6.005	.077	-.00150	-.00260	.00080	-.00060	474.89210	-1298.63820	-.71710
-5.991	90.033	-.00160	-.00270	.00090	-.00060	1490.49879	657.82470	.00470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1946/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
.004	-90.040	-.00180	-.00300	.00100	-.00070	1488.71831	697.98780	.04670
-.006	-.014	-.00150	-.00260	.00080	-.00060	1534.28320	753.89700	-.06550
-.188	90.019	-.00180	-.00300	.00100	-.00070	1472.58180	638.38230	.00170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M094) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 8.000 OB-ELV = -2.000
HEIGHT = 1.000

RUN NO. 1947/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.003	-89.972	-.00170	-.00290	.00090	-.00070	1489.97800	659.47090	.06040
6.002	.072	-.00160	-.00270	.00090	-.00060	1529.12331	740.65630	.40650
5.996	90.019	-.00180	-.00320	.00100	-.00070	1492.98019	662.36040	-.00910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M095) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 1.000

RUN NO. 2018/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.984	-89.994	.00240	.00380	-.00150	-.00180	1460.57100	645.61330	.08300
-6.007	.019	.00270	.00420	-.00160	-.00170	1668.99120	866.21680	-.48740
-6.006	90.011	.00270	.00420	-.00160	-.00170	1455.80521	641.12820	.06820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2019/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.001	-90.007	.00260	.00400	-.00150	-.00170	1552.70410	735.71410	.07140
-.001	.038	.00260	.00410	-.00160	-.00170	1531.26640	713.92240	-.01420
-.187	90.159	.00250	.00400	-.00150	-.00170	1275.22290	512.85420	.03900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2020/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.012	-89.980	.00270	.00420	-.00160	-.00170	1455.81180	642.84080	.11710
5.977	.014	.00250	.00390	-.00150	-.00180	1539.85471	712.24980	.46340
6.008	90.025	.00260	.00410	-.00160	-.00170	1462.47900	648.31520	.05450
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M096) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .800 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2021/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.997	-89.966	.00260	.00400	-.00150	-.00170	1462.13940	647.88840	.10650
-5.999	.008	.00290	.00460	-.00170	-.00160	1547.21069	745.67020	-.46380
-6.007	90.025	.00260	.00410	-.00160	-.00170	1455.73289	641.18260	.04100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2022/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.004	-89.994	.00260	.00410	-.00160	-.00170	1598.18410	780.98050	.07730
.006	.020	.00260	.00410	-.00160	-.00170	1948.09590	1040.26340	-.00760
-.004	90.173	.00270	.00420	-.00160	-.00170	1150.62500	423.88040	.03670
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2023/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.014	-89.994	.00260	.00400	-.00150	-.00170	1455.59590	642.65530	.07870
5.976	-.012	.00260	.00410	-.00160	-.00170	2437.45169	1554.78860	.45650
5.998	90.038	.00260	.00410	-.00160	-.00170	1462.68381	649.13650	.09890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S WO/SILTS (W8M097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2024/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.989	-89.966	.00230	.00370	-.00140	-.00160	1470.89110	655.28200	.09750
-6.014	-.197	.00240	.00370	-.00140	-.00160	1327.05830	678.84380	-.63850
-6.000	90.025	.00220	.00340	-.00130	-.00160	1458.45140	644.75540	.03650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (WBM097) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = .950 RN/L = 3.500
IB-ELV = 10.000 OB-ELV = 11.000
HEIGHT = 3.000

RUN NO. 2025/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.002	-89.994	.00240	.00370	-.00140	-.00160	1480.59380	681.17260	.07010
-.002	.001	.00240	.00370	-.00140	-.00150	1519.06351	709.96240	-.02760
-.009	90.213	.00230	.00350	-.00140	-.00160	1472.60280	678.46680	.02850
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 2026/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
5.996	-90.007	.00210	.00330	-.00130	-.00160	1461.05350	648.60600	.07730
5.987	-.011	.00240	.00370	-.00140	-.00150	615.06450	22.18090	.47380
6.005	90.025	.00230	.00370	-.00140	-.00160	1468.48730	653.24390	.09340
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (WBM098) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1290.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 1.000

RUN NO. 1869/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.994	-100.027	.02540	.04260	-.01450	-.00090	1492.51070	660.35130	.17700
-5.973	-89.985	.02510	.04210	-.01430	-.00100	1494.22220	662.02200	.07370
-6.005	-60.074	.02520	.04230	-.01440	-.00100	1494.41650	663.59590	-.26880
-6.003	-30.094	.02510	.04210	-.01430	-.00100	1491.14140	669.77200	-.55900
-6.003	-.006	.02510	.04210	-.01430	-.00100	2162.51859	1737.38040	-.68360
-6.005	30.045	.02520	.04210	-.01440	-.00100	1479.50230	653.73140	-.58460
-6.006	59.343	.02520	.04230	-.01440	-.00100	1487.67630	656.87890	-.31270
-5.992	90.033	.02510	.04210	-.01430	-.00100	1488.66090	656.04130	.02690
-6.071	100.095	.02510	.04220	-.01430	-.00100	1480.43190	656.44380	.14120
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (WBM099) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 2.000

RUN NO. 1874/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.978	-99.959	.02560	.04290	-.01460	-.00090	1494.08720	662.69650	.17670
-6.002	-90.027	.02540	.04260	-.01450	-.00090	1494.19580	661.73730	.07530
-5.998	-60.179	.02540	.04250	-.01450	-.00090	1493.87350	663.07300	-.26480
-6.010	-30.084	.02540	.04260	-.01450	-.00090	1492.06841	670.02660	-.55380
-6.008	-.029	.02550	.04270	-.01450	-.00090	1645.62131	906.78610	-.67760
-6.000	30.009	.02520	.04230	-.01440	-.00100	1479.21780	653.83540	-.58610
-6.005	59.929	.02540	.04270	-.01450	-.00090	1487.80740	657.05130	-.31450
-5.991	90.100	.02540	.04260	-.01450	-.00090	1489.59641	657.10080	.02160
-5.994	99.929	.02560	.04290	-.01460	-.00080	1489.64040	657.74020	.13500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1870/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.002	-99.795	.02510	.04210	-.01430	-.00100	1585.55830	846.49760	.10380
.006	-89.792	.02500	.04200	-.01430	-.00100	1559.26559	785.96610	.08680
-.001	-59.810	.02530	.04240	-.01440	-.00090	1564.63921	798.23830	.04080
-.001	-30.014	.02560	.04290	-.01460	-.00080	1575.55299	811.30150	-.00060
-.003	-.026	.02530	.04250	-.01440	-.00090	1554.08640	755.91410	-.02870
-.003	30.009	.02530	.04250	-.01440	-.00090	1593.59061	877.25490	-.03640
-.000	60.043	.02570	.04320	-.01470	-.00080	1447.66850	595.92700	-.02270
-.002	90.006	.02540	.04260	-.01450	-.00090	1444.06740	608.46000	.01600
.003	99.967	.02520	.04210	-.01440	-.00100	1451.16209	617.97460	.03520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1875/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.006	-100.000	.02530	.04250	-.01440	-.00090	1480.03960	657.35520	.00760
5.999	-90.123	.02500	.04200	-.01430	-.00100	1487.45000	657.16240	.08670
6.010	-60.179	.02530	.04240	-.01440	-.00090	1483.31979	657.20040	.27370
6.008	-30.112	.02550	.04270	-.01460	-.00090	1478.45731	648.01880	.40130
5.996	-.186	.02530	.04250	-.01440	-.00090	725.62380	-347.35840	.43180
5.989	30.038	.02550	.04280	-.01450	-.00090	1491.46460	669.46750	.38270
5.999	60.029	.02510	.04220	-.01430	-.00100	1492.68700	667.59670	.24500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

IA105A, AEDC PWT-TF470, O T S W0/SILTS (W8M100) (09 MAY 80)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1290.3000 INCHES YMRP = .0000 IN. YT
BREF = 1230.3000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300

PARAMETRIC DATA

MACH = 1.400 RN/L = 3.500
IB-ELV = 12.000 OB-ELV = 5.000
HEIGHT = 3.000

RUN NO. 1873/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-5.977	-99.945	.02570	.04310	-.01460	-.00080	1494.79050	664.46580	.18610
-6.002	-90.027	.02530	.04250	-.01440	-.00100	1495.57471	663.93730	.08460
-5.998	-60.186	.02540	.04260	-.01450	-.00090	1495.23219	664.96530	-.24370
-6.014	-30.087	.02550	.04290	-.01460	-.00090	1492.26030	670.79810	-.53180
-6.004	-.057	.02550	.04280	-.01450	-.00090	1568.92580	814.73360	-.66410
-6.003	29.994	.02550	.04270	-.01460	-.00080	1480.91870	654.97340	-.57990
-5.998	59.972	.02570	.04310	-.01460	-.00080	1488.40700	657.56690	-.31350
-5.999	90.087	.02540	.04260	-.01450	-.00090	1488.78560	656.35960	.00690
-5.999	99.942	.02540	.04260	-.01450	-.00090	1488.85741	657.31320	.11110
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1872/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
-.000	-99.809	.02500	.04190	-.01420	-.00110	3718.14529	3947.72339	.09830
-.004	-89.779	.02550	.04280	-.01450	-.00090	2851.30759	2749.13379	.08170
.001	-59.845	.02520	.04230	-.01440	-.00100	1736.22510	1021.87890	.03720
.001	-30.007	.02520	.04230	-.01440	-.00090	2123.74438	1724.05910	-.00080
-.000	.018	.02570	.04320	-.01470	-.00080	1382.09911	493.16990	-.02380
-.001	30.038	.02550	.04280	-.01450	-.00080	1352.20970	483.97170	-.02500
-.000	60.058	.02550	.04270	-.01450	-.00090	1436.15891	585.10860	-.00710
-.000	90.000	.02510	.04200	-.01430	-.00110	1446.40450	607.20900	.02790
.003	99.916	.02500	.04200	-.01430	-.00110	1452.62379	614.76460	.04600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 1871/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

ALPHAI	PHII	CNB	CAB	CLMB	CABVT	XCPV	ZCPV	CNSTNG
6.003	-100.000	.02550	.04270	-.01450	-.00080	1486.93730	656.58470	-.01360
5.997	-90.013	.02530	.04250	-.01440	-.00090	1486.67090	656.63920	.07400
6.006	-60.179	.02520	.04240	-.01440	-.00090	1482.19749	655.74490	.26320
6.007	-30.139	.02500	.04200	-.01430	-.00100	1480.20210	648.73410	.39360
6.006	-.089	.02550	.04280	-.01450	-.00080	1332.13451	458.21660	.43080
5.998	30.016	.02570	.04310	-.01460	-.00080	1494.00560	672.61350	.38980
6.001	59.957	.02520	.04230	-.01440	-.00100	1492.97240	667.71920	.25800
5.996	89.938	.02530	.04240	-.01440	-.00090	1494.74660	664.28640	.05240
5.998	99.891	.02530	.04240	-.01440	-.00090	1494.01460	663.44600	-.03460
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000